



R

W

Distinctive Garage Door Hardware

Richards-Wilcox Mfg. Co.
"A Hanger for any Door that Slides."

Minneapolis Chicago New York Cleveland Los Angeles
Philadelphia Boston St. Louis Indianapolis San Francisco
RICHARDS-WILCOX CANADIAN CO., Ltd.
Winnipeg LONDON, ONT. Montreal



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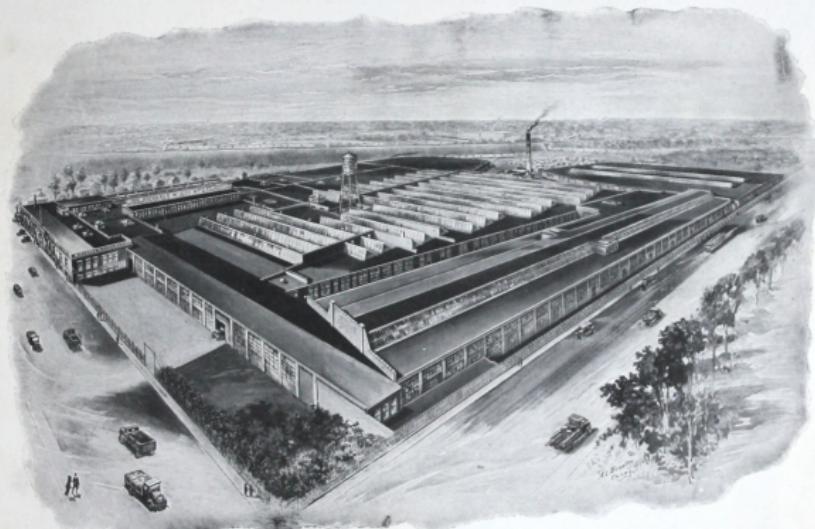
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"A Hanger for any Door that Slides"

Richards-Wilcox

GARAGE DOOR HARDWARE

Catalog No. A-29



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New York City	85 Walker Street	St. Louis	1735 Boatmen's Bank Bldg.
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Boston	132-134 Pearl Street	San Francisco	626 Underwood Bldg.
Cleveland	457 Hippodrome Annex	Indianapolis	423-424 Occidental Bldg.

Canadian Plant

Richards-Wilcox Canadian Co., Ltd. London, Ont.
Branch Offices at Winnipeg and Montreal

The R-W Line

SLIDING door hangers for garages, barns, warehouses, residences, class-room partitions in schools, churches, club rooms and halls—Elevator door equipment—Automatic fire doors and fixtures—Multifold window hardware—Overhead trolley carrying systems—Rolling store ladders—Mounted grindstones, family grindstones, Emery grinders—Manual Training Benches, Wood-worker's Vises—Steel folding builders' brackets—Wagon jacks—Wire fence stretchers—Sliding door locks—Expansion bolts—Toggle bolts—Door holders—Stay rollers—Corner irons—Foot scrapers—Automobile turntables—Portable cranes—Screw presses—Hardware specialties.

"A Hanger for Any Door That Slides"

Allow us to send you illustrated special catalogs covering individual lines mentioned above in which you are interested.

Garage Door Hardware

Slidetite,

Patented

R-W No. 435

2

Garage Door Hardware

For Any Garage Doorway, Private or Public, Large or Small



Fig. A-497—A typical "Slidetite" doorway. This garage accommodates two cars. The doorway is equipped with a "Slidetite" 6-door set of hardware, which provides for an entrance door without an additional doorway.

Slidetite meets the demand for a fixture that will allow hinge doors to fold and slide inside or outside of building, requiring only minimum space.

Doors fit perfectly tight, are weatherproof, cannot sag, and will not warp.

Will stand at any angle or parallel with front walls, depending, however, upon the width of wall space adjoining the opening, and giving absolute clearance from jamb to jamb (see lower illustrations of floor plans).

Slidetite gives a clear opening 8 feet to 30 feet wide.

Made in sets for 3, 4, 5, 6, 7, 8, 9 or 10 doors not over 3 feet wide in one doorway.

Makes possible use of doors corresponding with the architecture of the residence with which the garage is associated.

Slidetite is furnished in three weights of hardware: Light Weight for doors weighing up to 125 pounds each. Medium Weight for doors weighing between 125-200 pounds each, and Heavy Weight for doors weighing more than 200 pounds each. Not recommended for doors over 3 feet in width.

Equipment consists of steel trolley track, roller bearing door hangers, bolts, brackets, floor guides, hinges, bow handle and tie rods.

Intermediate and end brackets are adjustable. Brackets are swiveled to permit track to be set at angle suitable to thickness of doors. Hangers support and guide the end of the doors and prevent sagging. Vertical adjustment. Ball-bearing swivel pendants. Steel wheels. Several types of bolts are furnished, for same see pages 55, 56 and 57.

Direction Sheet showing erection details furnished with each order.

Garage Door Hardware

"A Hanger for any Door that Slides"

Slidetite
Patented

R-W No. 435

Parts for 3 to 6 Door Equipment



Door Holder
No. 119



End Bracket
No. 1035-E



Intermediate
Bracket No. 1035-I



Center Bracket
No. 435-C



Tie Rod With
Pintle and Pin
No. 435



Hanger
No. 435



Trolley Truck
No. 435x31



Surface Hinge
No. 435



Floor Guide No. 271 With Bumper
Shoe No. 435-72



Half Surface Butt Hinge
No. 311. Used Only
With No. 31 and 35
Track



Butt Hinge
No. 435



Bow Handle
No. 81-1

Detail of Hardware and List Price of Parts

DESCRIPTION	With No. 31 Track			With No. 35 Track			With No. 332 Track			With No. 33 Track		
	Number	Price	Shipping Wt., lbs.	Number	Price	Shipping Wt., lbs.	Number	Price	Shipping Wt., lbs.	Number	Price	Shipping Wt., lbs.
Hangers Roller Bearing, each.....	435-1	\$3.50	3 1/2	435-4	\$3.50	3 1/2	435-3	\$4.50	7 1/4	435-2	\$5.00	8
Center Track Brackets, each.....	435x31-C	30	1	435x31-C	30	1	435x32-C	.80	2 1/4	435x33-C	1.00	4 1/4
End Track Brackets, each.....	1035x31-E	1.00	5	1035x31-E	1.90	5	1035x32-E	3.20	12 1/4	1035x33-E	3.60	13
Intermediate Track Brackets, each.....	1035x31-I	.70	4 1/4	1035x31-I	.70	4 1/4	1035x32-I	2.60	9 1/2	1035x33-I	3.40	11
Half Surface Butt Hinges, japanned, per pair.....	311	1.60	3 1/4	311	1.60	3 1/4	435-5x5*	1.00	2 1/2	435-5x5*	1.00	2 1/2
Butt Hinges, japanned, per pair.....	435-4*	.60	1 1/2	435-4*	.60	1 1/2	435-5x5*	1.00	2 1/2	435-5x5*	1.00	2 1/2
Surface Hinges, japanned, per pair.....	435-4x5*	.80	2	435-4x5*	.80	2	1035-24*	2.20	10 1/2	1035-24*	2.20	10 1/2
Surface Hinges, chrome, per pair.....	435x31	.38	1 6	435x35	.38	2 1/4	435x232	.68	2 1/4	435x33	.88	3 3
Trolley Track, per foot.....	271	.50	2 O.z.	271	.50	2 O.z.	81-1	.20	6 O.z.	81-1	.20	6 O.z.
Bow Handle, each.....	81-1	.50	2 O.z.	271	.50	2 O.z.	271	.96	2 1/2 O.z.	271	.96	2 1/2 O.z.
Center Floor Guide, each.....	271	.50	2 O.z.	435-72	.12	5 O.z.	435-72	.12	5 O.z.	435-72	.12	5 O.z.
Tie Rod With Pintle and Pin for Doors 23"-29" wide, each.....	435-1	1.30	2	435-1	1.30	2	435-1	1.30	2	435-1	1.30	2
Tie Rod With Pintle and Pin for Doors 30"-36" wide, each.....	435-2	1.50	2 1/4	435-2	1.50	2 1/4	435-2	1.50	2 1/4	435-2	1.50	2 1/4
Door Holder, each.....	119	.15	4 O.z.	119	.15	4 O.z.	119	.15	4 O.z.	119	.15	4 O.z.

Note—For full information concerning Locking Bolts see pages 55, 56 and 57.

*Length of each track equals width of two doors plus approximately one foot.

Three-door and one-track four-door openings require one track, two-track four-door, five-door and six-door openings require two tracks.

Prices for Complete Sets of Hardware Shown on Pages 5 and 8

Discount.....

Garage Door Hardware

Slidetite

Patented

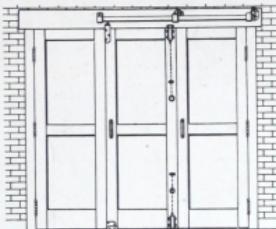
R-W No. 435

Elevations, Floor Plans and Hardware

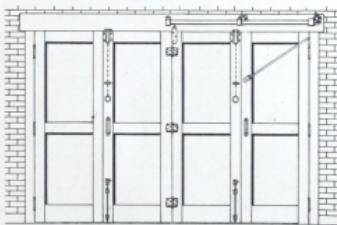
For 3-Door, One-Track 4-Door, and Two-Track 4-Door

Garage Door Equipment

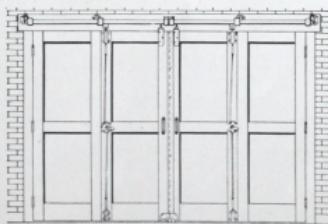
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*Fig. A-498—Elevation showing proper location of "Slidetite" three-door hardware including R-W No. 514 Bolts.



*Fig. A-499—Elevation showing proper location of "Slidetite" one-track four-door hardware, including No. 514 Bolts with No. 524 Cane Bolts.



*Fig. A-500—Elevation showing proper location of "Slidetite" two-track four-door hardware, including No. 517 Cremone Bolts.

*Note—This Door Set can be furnished with any of the following Bolts: Nos. 514, 514-524, 417, 517 or 617. See pages 57-59.

Garage Door Hardware

3-Door

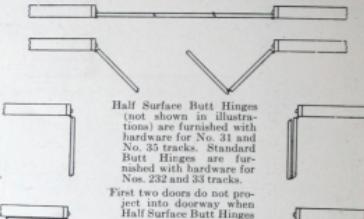


Fig. A-501—Floor plans of three-door "Slidetite" doorway, showing (1) doors closed, (2) doors partially opened, (3) doors open parallel with side walls, and (4) doors open parallel with front wall, giving absolute clearance from jamb to jamb.

One-Track
4-Door

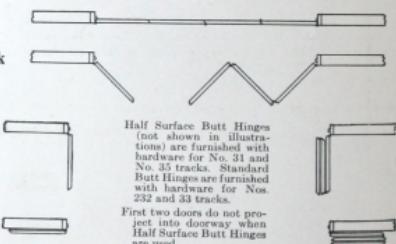


Fig. A-502—Floor plans of one-track four-door "Slidetite" doorway, showing (1) doors closed, (2) doors partially opened, (3) doors open parallel with side walls, (4) doors open parallel with front wall, giving absolute clearance from jamb to jamb.

Two-Track
4-Door



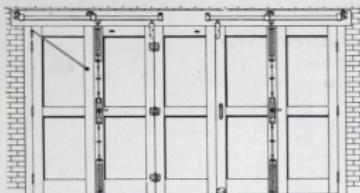
Fig. A-503—Floor plans of two-track four-door "Slidetite" doorway, showing (1) doors closed, (2) doors partially opened, (3) doors open parallel with side walls, (4) doors open parallel with front wall, giving absolute clearance from jamb to jamb.

"A Hanger for any Door that Slides"

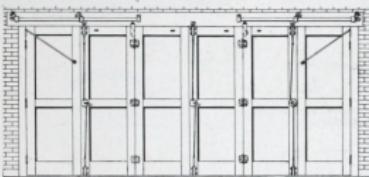
R-W No. 435

Slidetite, For 5 and 6 Doors

Patented



*Fig. A-505—Elevation showing proper location of "Slidetite" five-door hardware including No. 617 Cremona Bolts.



*Fig. A-506—Elevation showing proper location of "Slidetite" six-door hardware, including No. 517 Cremona Bolts.

*Note—This Door Set can be furnished with any of the following Bolts: Nos. 514, 514-524, 417, 517 or 617. See pages 56 and 57.

List Price for Complete Sets (3 to 6 Door Sets)

DESCRIPTION	With No. 514 Spring Bolts				With No. 514 Spring Bolts and No. 524 Cane Bolts				With No. 417 Top and Bottom Hinge for Doors up to 9' high				With No. 517 Garage Cremona Bolts, Adjustable for Doors up to 9' high				With No. 517 Garage Cremona Bolts, Adjustable for Doors 8'1" to 9' high				With No. 517 Garage Cremona Bolts, Adjustable for Doors up to 10' high			
	List Price	Shipping Wt., Lbs.	List Price	Shipping Wt., Lbs.	List Price	Shipping Wt., Lbs.	List Price	Shipping Wt., Lbs.	List Price	Shipping Wt., Lbs.	List Price	Shipping Wt., Lbs.	List Price	Shipping Wt., Lbs.	List Price	Shipping Wt., Lbs.	List Price	Shipping Wt., Lbs.	List Price	Shipping Wt., Lbs.	List Price	Shipping Wt., Lbs.		
Three-Door Set No. 435, opening not to exceed 9' wide: With Nos. 31 or 33 Track—for doors weighing up to 125 lbs. each With Nos. 31 or 33 Track—for doors weighing between 125-200 lbs. each With No. 33 Track—for doors weighing more than 200 lbs. each	\$14.00	82	\$14.00	49	\$15.40	54	\$17.00	56	\$17.60	56	\$18.70	57	\$21.50	58	\$21.50	58	\$21.50	58	\$21.50	58	\$21.50	58		
One-Track Four-Door Set No. 435, opening not to exceed 12' wide: With Nos. 31 or 33 Track—for doors weighing up to 125 lbs. each With Nos. 31 or 33 Track—for doors weighing between 125-200 lbs. each With No. 33 Track—for doors weighing more than 200 lbs. each	14.50	162	14.50	50	15.50	56	17.50	56	18.50	56	20.50	57	23.50	59	23.50	59	23.50	59	23.50	59	23.50	59		
Two-Track Four-Door Set No. 435, opening not to exceed 12' wide: With Nos. 31 or 33 Track—for doors weighing up to 125 lbs. each With Nos. 31 or 33 Track—for doors weighing between 125-200 lbs. each With No. 33 Track—for doors weighing more than 200 lbs. each	16.00	55	16.00	56	19.05	63	22.50	70	22.85	70	23.05	71	31.25	74	31.25	74	31.25	74	31.25	74	31.25	74		
Five-Door Set No. 435, opening not to exceed 15' wide: With Nos. 31 or 33 Track—for doors weighing up to 125 lbs. each With Nos. 31 or 33 Track—for doors weighing between 125-200 lbs. each With No. 33 Track—for doors weighing more than 200 lbs. each	21.00	83	21.00	84	23.80	99	26.00	97	27.20	97	27.60	98	35.00	102	35.00	102	35.00	102	35.00	102	35.00	102		
With Nos. 31 or 33 Track—for doors weighing up to 125 lbs. each With Nos. 31 or 33 Track—for doors weighing between 125-200 lbs. each With No. 33 Track—for doors weighing more than 200 lbs. each	24.50	80	24.50	69	27.50	87	31.60	105	32.80	105	33.20	105	44.50	135	44.50	135	44.50	135	44.50	135	44.50	135		
With Nos. 31 or 33 Track—for doors weighing up to 125 lbs. each With Nos. 31 or 33 Track—for doors weighing between 125-200 lbs. each With No. 33 Track—for doors weighing more than 200 lbs. each	24.50	160	24.50	151	27.50	180	31.60	199	32.80	199	33.20	199	44.50	170	44.50	170	44.50	170	44.50	170	44.50	170		
With Nos. 31 or 33 Track—for doors weighing up to 125 lbs. each With Nos. 31 or 33 Track—for doors weighing between 125-200 lbs. each With No. 33 Track—for doors weighing more than 200 lbs. each	49.00	166	49.00	168	51.80	177	57.00	186	58.20	185	58.60	187	84.00	190	84.00	190	84.00	190	84.00	190	84.00	190		
Six-Door Set No. 435, opening not to exceed 18' wide: With Nos. 31 or 33 Track—for doors weighing up to 125 lbs. each With Nos. 31 or 33 Track—for doors weighing between 125-200 lbs. each With No. 33 Track—for doors weighing more than 200 lbs. each	28.00	83	28.00	65	31.20	105	36.00	116	37.80	116	38.40	117	49.50	121	49.50	121	49.50	121	49.50	121	49.50	121		
With Nos. 31 or 33 Track—for doors weighing up to 125 lbs. each With Nos. 31 or 33 Track—for doors weighing between 125-200 lbs. each With No. 33 Track—for doors weighing more than 200 lbs. each	43.50	154	43.50	156	49.70	165	54.50	174	56.30	174	56.80	175	84.00	178	84.00	178	84.00	178	84.00	178	84.00	178		
With Nos. 31 or 33 Track—for doors weighing up to 125 lbs. each With Nos. 31 or 33 Track—for doors weighing between 125-200 lbs. each With No. 33 Track—for doors weighing more than 200 lbs. each	50.00	174	50.00	176	56.20	187	61.00	198	62.80	198	63.40	199	74.50	203	74.50	203	74.50	203	74.50	203	74.50	203		

Note—All necessary screws and carriage bolts for fastening hardware is included in above prices.

Above prices apply to hardware for doors opening inside the garage. See page 9 for hardware for doors opening out.

Discount

No. 435 Short Sets for Doors Opening In. Complete as Above Except that Track Locks and Locking Bolts are Omitted

For Track Number	For Doors Weighing Each	3-Door Set		One-track 4-door Set		Two-track 4-door Set		5-door Set		6-door Set	
		List Price	Shipping Wt., Lbs.	List Price	Shipping Wt., Lbs.	List Price	Shipping Wt., Lbs.	List Price	Shipping Wt., Lbs.	List Price	Shipping Wt., Lbs.
No. 31-35	Up to 125 lbs.	\$10.00	31	\$11.00	33	\$15.00	48	\$17.00	54	\$18.00	55
No. 232	125-200 lbs.	16.70	62	17.00	69	30.50	105	33.50	110	34.50	115
No. 33	More than 200 lbs.	18.80	68	19.60	75	30.00	115	33.60	125	40.60	130

Example Order for Short Sets—1 Short Set, 5-door, No. 435 "Slidetite" for No. 31 track.

Garage Door Hardware

Richards-Wilcox Mfg. Co., Aurora, Illinois

Slidelite

Patented

R-W No. 435

6



Center Bracket
No. 435-C



Intermediate
Bracket No. 1035-I



End Bracket
No. 1035-E



Double End Bracket No. 435-DE
(Showing Ceiling Clip)



Hanger
No. 435



Joint Bracket No. 435-J
(Showing Ceiling Clip)



Double Intermediate Bracket
No. 435-DI (Showing Ceiling Clip)



No. 435a31. Trolley Track



Bow Handle
No. 81



Tie Rod With
Pintle and
Pin No. 435

Door Holder
No. 119



Floor Guide No. 271 With
Bumper Shoe No. 435-72



Half Surface Butt Hinges
No. 311 Used only with
Nos. 31 and 35 Track.



Butt Hinge
No. 435



Surface Hinge
No. 435

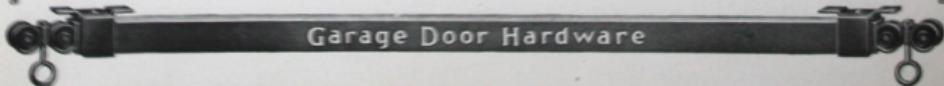
Detail of Hardware and List Price of Parts

DESCRIPTION	With No. 31 Track For doors weighing up to 125 lbs. each				With No. 35 Track For doors weighing up to 125 lbs. each				With No. 232 Track For doors weighing between 125-200 lbs. each				With No. 33 Track For doors weighing more than 200 lbs. each			
	Number	Price	Shipping Wt., lbs.	Number	Price	Shipping Wt., lbs.	Number	Price	Shipping Wt., lbs.	Number	Price	Shipping Wt., lbs.	Number	Price	Shipping Wt., lbs.	
Roller Bearing Hangers, each																
Center Track Brackets, each	435-31-C	\$3.30	3 1/2	435-31-C	\$3.30	3 1/2	435-3-C	\$4.50	7 1/2	435a33-C	\$1.00	8	435-3-C	\$1.00	4 3/4	
End Track Brackets, each	435-31-E	.30	1 1/2	435a31-E	.30	1 1/2	435a3232-C	.80	2 1/2	1035a33-E	.30	20	12 1/2	1035a33-E	.30	60
Intermediate Track Brackets, each	1035a31-I	1.00	7	1035a31-I	1.00	4	1035a3232-E	1.00	7	1035a3232-E	1.00	20	12 1/2	1035a3232-E	1.00	60
Double End Bracket, each	435-31-DE	4.00	11 1/2	435a31-DE	4.00	11 1/2	435a3232-DE	5.10	16	435a33-DE	3.00	20	12 1/2	435a33-DE	3.00	60
Double Intermediate Bracket, each	435a31-DI	2.80	10 1/4	435a31-DI	2.80	10 1/4	435a3232-DI	4.60	13	435a33-DI	2.00	20	12 1/2	435a33-DI	2.00	60
Joint Bracket, each	435-31-J	.80	8	435a31-J	.80	8	435a3232-J	.50	10 1/2	435a33-J	.60	14	12 1/2	435a33-J	.60	30
Door Holder	435-1	.20	5/8	435a31-CC	.20	5/8	435a3232-CC	.24	4	435a33-CC	.30	1 1/2	12 1/2	435a33-CC	.30	30
Half Surface Butt Hinges, spanned, per pair	311	1.60	3 1/2	311	1.60	3 1/2	311	1.60	3 1/2	311	1.60	3 1/2	311	1.60	3 1/2	
Japanned Butt Hinges, per pair	435-4" x 5"	.00	1/2	435-4" x 5"	.00	1/2	435-3" x 5"	1.00	2 1/2	435-3" x 5"	1.00	2 1/2	435-3" x 5"	1.00	2 1/2	
Japanned Surface Hinges, per pair	435-4" x 5"	.00	1 1/2	435-4" x 5"	.00	1 1/2	435-3" x 5"	.00	2 1/2	435-3" x 5"	.00	2 1/2	435-3" x 5"	.00	2 1/2	
*Trolley Track, per foot	435a31	.38	1.6	435a31	.38	2 1/2	435a3232	.68	2.8	435a33	.88	2.3	435a33	.88	2.3	
The Rods With Pintles and Pins for doors 30"-36" wide, each	435-1	1.30	2	435-1	1.30	2	435-1	1.30	2	435-1	1.30	2	435-1	1.30	2	
Tie Rods With Pintles and Pins for doors 30"-36" wide, complete	435-2	1.30	2 1/4	435-2	1.50	2 1/4	435-2	1.50	2 1/4	435-2	1.50	2 1/4	435-2	1.50	2 1/4	
Bow Handles, each	119	.20	2	119	.20	2	119	.20	2	119	.20	2	119	.20	2	
Bumper Shoe, each	435-72	.12	1/2	435-72	.12	1/2	435-72	.12	1/2	435-72	.12	1/2	435-72	.12	1/2	
Door Holder, each	119	.15	2 1/2	119	.15	2 1/2	119	.15	2 1/2	119	.15	2 1/2	119	.15	2 1/2	
Door Guide, each	271	.96	2 1/2	271	.96	2 1/2	271	.96	2 1/2	271	.96	2 1/2	271	.96	2 1/2	

*Note—Length of short tracks equal width of two doors plus approximately one foot. Length of long tracks equal width of four doors plus approximately one foot. Seven-door and three-track, eight-door openings require one long and two short tracks. Four-track eight-door, nine-door and ten-door openings require two long and three short tracks.

Note—For full information concerning Locking Brackets, see pages 55-57.

Discount



"A Hanger for any Door that Slides"

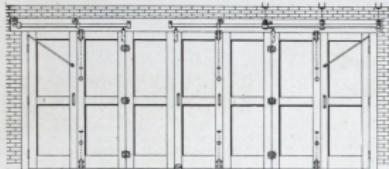
Slidetite
Patented

R-W No. 435

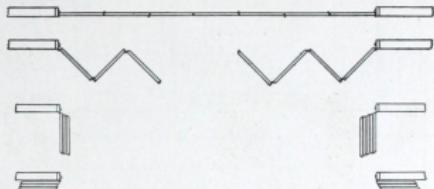
Elevations, Floor Plans and Hardware

7-Door, Three-Track 8-Door, and Four-Track 8-Door

Garage Door Equipment

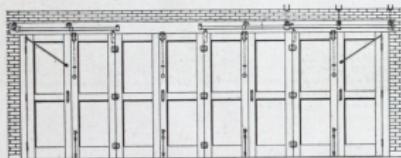


*Fig. A-509—Illustration showing proper location of "Slidetite" seven-door hardware including No. 514 Bolts.

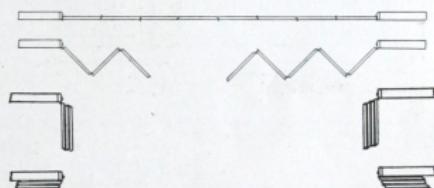


7-Door

Fig. A-512—Floor plans of seven-door "Slidetite" doorway, showing (1) doors closed, (2) doors partially opened, (3) doors open parallel with side walls, (4) doors open parallel with front wall, giving absolute clearance from jamb to jamb.

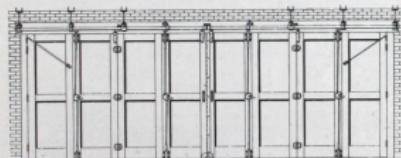


*Fig. A-510—Illustration showing proper location of "Slidetite" three-track, eight-door hardware, including No. 514 Bolts with No. 524 Cane Bolts.

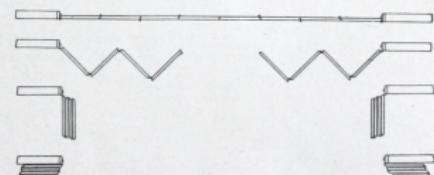


Three-Track 8-Door

Fig. A-513—Floor plans of three-track, eight-door "Slidetite" doorway, showing (1) doors closed, (2) doors partially opened, (3) doors open parallel with side walls, (4) doors open parallel with front wall, giving absolute clearance from jamb to jamb.



*Fig. A-511—Illustration showing proper location of "Slidetite" four-track, eight-door hardware, including No. 517 Cremona Bolts.



Four-Track 8-Door

Fig. A-514—Floor plans of four-track, eight-door "Slidetite" doorway showing (1) doors closed, (2) doors partially opened, (3) doors open parallel with side walls, (4) doors open parallel with front wall, giving absolute clearance from jamb to jamb.

*Note—This Door Set can be furnished with any of the following Bolts: Nos. 514, 514-524, 417, 517 or 617.

Garage Door Hardware

Slidelite
Patented

R-W No. 435

Elevations, Floor Plans and Hardware

For 9 and 10 Door
Garage Door Equipment

8

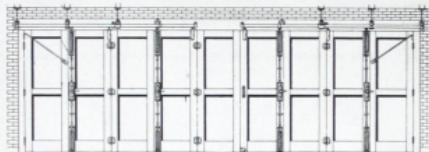


Fig. A-515—Elevation showing proper location of "Slidelite" nine-door hardware, including No. 617 Cremona Bolts.

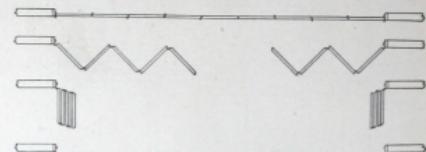


Fig. A-517—Floor plans of nine-door "Slidelite" doorway, showing (1) doors closed, (2) doors partially opened, (3) doors open parallel with side walls, (4) doors open parallel with front wall, giving absolute clearance from jamb to jamb.

9 Door

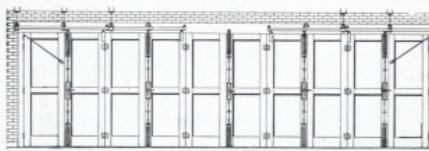


Fig. A-516—Elevation showing proper location of "Slidelite" ten-door hardware, including No. 617 Cremona Bolts.

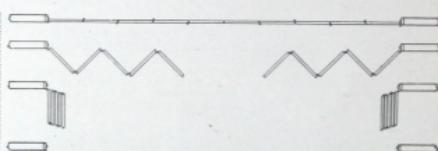


Fig. A-518—Floor plans of ten-door "Slidelite" doorway, showing (1) doors closed, (2) doors partially opened, (3) doors open parallel with side walls, (4) doors open parallel with front wall, giving absolute clearance from jamb to jamb.

*Note—This Door Set can be furnished with any of the following Bolts: Nos. 514, 514-524, 417, 517 or 617.

10 Door

List Price for Complete Sets (7 to 10 Door Sets)

DESCRIPTION	With No. 514 Spring Bolts		With No. 514 Spring Bolts and No. 524-1 Cane Bolt		With No. 417 Top and Bottom Bolts for Doors up to 8' high		With No. 517 Garage Cre- mona Bolts, Adjustable for Doors 8'1"		With No. 517 Garage Cre- mona Bolts, Adjustable for Doors 9'1"		With No. 617 Garage Cre- mona Bolts, Adjustable for Doors up to 10' high	
	List Price	Shg. Wt. Lbs.	List Price	Shg. Wt. Lbs.	List Price	Shg. Wt. Lbs.	List Price	Shg. Wt. Lbs.	List Price	Shg. Wt. Lbs.	List Price	Shg. Wt. Lbs.
Seven-Door Set, No. 435, opening not to exceed 21' wide, with Nos. 31 or 35 Track—for doors weighing up to 125 lbs. each	\$ 51.00	167	\$ 51.00	170	\$ 57.20	180	\$ 62.00	190	\$ 63.80	191	\$ 64.40	193
with No. 23 Track—for doors weighing between 125-200 lbs. each	72.00	254	72.00	257	78.20	267	83.00	277	84.80	278	85.40	281
with No. 33 Track—for doors weighing more than 200 lbs. each	84.00	280	84.00	283	90.20	293	95.00	303	96.80	304	97.40	307
Three-Track, Eight-Door Set, No. 435, opening not to exceed 24' wide, with Nos. 31 or 35 Track—for doors weighing up to 125 lbs. each	52.30	173	52.30	177	60.60	190	67.00	204	69.40	206	70.20	208
with No. 23 Track—for doors weighing between 125-200 lbs. each	73.30	268	73.30	273	81.60	286	88.00	300	90.40	302	91.20	304
with No. 33 Track—for doors weighing more than 200 lbs. each	85.30	304	85.30	306	93.60	320	100.00	335	102.40	338	103.20	340
Four-Track, Eight-Door Set, No. 435, opening not to exceed 24' wide, with Nos. 31 or 35 Track—for doors weighing up to 125 lbs. each	75.00	230	75.00	234	81.60	247	88.00	260	90.40	262	91.20	264
with No. 23 Track—for doors weighing between 125-200 lbs. each	102.00	346	102.00	350	108.60	363	115.00	376	117.40	378	118.20	380
with No. 33 Track—for doors weighing more than 200 lbs. each	119.00	379	119.00	383	125.60	396	132.00	409	134.40	411	135.20	413
Nine-Door Set No. 435, opening not to exceed 27' wide, with Nos. 31 or 35 Track—for doors weighing up to 125 lbs. each	76.00	232	76.00	233	82.60	248	89.00	262	91.40	264	92.20	266
with No. 23 Track—for doors weighing between 125-200 lbs. each	106.00	348	106.00	352	110.60	365	116.00	378	118.40	380	119.20	382
with No. 33 Track—for doors weighing more than 200 lbs. each	120.00	381	120.00	385	126.60	398	133.00	411	135.40	413	136.20	415
Ten-Door Set, No. 435, opening not to exceed 30' wide, with Nos. 31 or 35 Track—for doors weighing up to 125 lbs. each	77.50	239	77.50	243	86.00	259	94.00	277	97.00	280	98.80	282
with No. 23 Track—for doors weighing between 125-200 lbs. each	104.50	372	104.50	376	113.00	390	121.00	410	124.00	412	125.00	415
with No. 33 Track—for doors weighing more than 200 lbs. each	121.50	398	121.50	402	130.00	418	138.00	436	141.00	438	142.00	441

Note—All necessary screws and carriage bolts for fastening hardware is included in above prices.

Discount.....

Garage Door Hardware

"A Hanger for any Door that Slides"

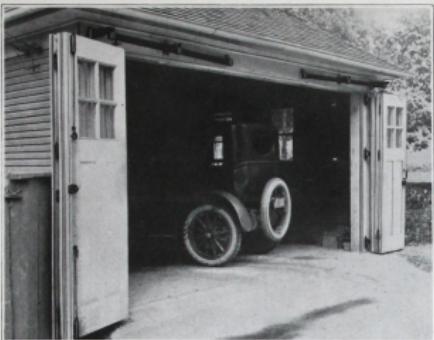


Fig. A-519—Exterior view of garage doorway equipped with "Slidelite" six-door No. 1035 hardware, applied to doors opening out. Two car garage.

Slidelite
Patented

R-W No. 435

Garage Door Hardware

Applied to Doors Opening Out

Made for Doorways Having Three to Six Doors in One Opening, 8 Feet to 18 Feet Wide

"Slidelite" Garage Door Hardware is designed and ordinarily used for doors opening inside the garage. However, there is no fundamental reason why the hardware could not be used for doors opening out, if that is the builder's desire.

For this purpose we furnish a special offset surface hinge which will give sufficient space between the doors for No. 417 or No. 514 locking bolts, when the doors stand in open position. There is no sufficient room for the No. 517 or No. 617 bolts between the doors.

DESCRIPTION	3-door set, opening not to exceed 9 ft. wide.			One-track, 4-door set, opening not to exceed 12 ft. wide.			Two-track, 4-door set, opening not to exceed 12 ft. wide.			5-door set, opening not to exceed 15 ft. wide.			6-door set, opening not to exceed 18 ft. wide.		
	List Price	Shipping Wt., lbs.	No. 514	List Price	Shipping Wt., lbs.	No. 514	List Price	Shipping Wt., lbs.	No. 514	List Price	Shipping Wt., lbs.	No. 514	List Price	Shipping Wt., lbs.	
No. 435 Set Complete, including Bolts...															
with No. 31 or No. 35 track.....	\$14.00	\$15.40	48	\$16.00	\$19.05	57	\$21.00	\$22.80	85	\$24.50	\$26.80	92	\$28.00	\$31.20	96
with No. 232 track.....	21.30	23.20	84	24.60	28.40	93	30.50	43.30	149	42.50	47.30	155	43.50	49.70	161
with No. 33 track.....	24.50	26.90	97	28.20	32.30	103	46.00	49.80	169	49.00	53.80	175	50.00	56.20	184

Discount

Note—Knob locks for entrance doors not included in above sets. (See page 54.) Sets include lag screws for attaching track brackets. If attachment is to be made to brick or concrete, expansion shields should be ordered extra.

Direction sheet showing erecting details furnished with hardware.

If wicket entrance door is wanted see page 20 for details and prices of hardware. (For use with two-track four-door set only.)

Directions for Ordering

State—Type and style of hardware. Width and height of opening. Thickness of doors. Kind of locking bolts wanted. Kind of trolley track. State doors open out.

Example Order for Complete Sets—One set, 5-door No. 435 "Slidelite" for opening 15 feet wide, 8 feet high, doors $2\frac{1}{4}$ inches thick and No. 31 Trolley Track, with 417 Bolts. Doors open out.

No. 435 Short Sets for Doors Opening Out

Complete as Above, Except That Track, Locks and Locking Bolts are Omitted.

For Track Number	For Doors Weighing Each	3-door set		One-track 4-door set		Two-track 4-door set		5-door set		6-door set	
		List Price	Shipping Wt., lbs.	List Price	Shipping Wt., lbs.	List Price	Shipping Wt., lbs.	List Price	Shipping Wt., lbs.	List Price	Shipping Wt., lbs.
No. 31-35	Up to 125 lbs.....	\$10.00	34	\$11.00	38	\$15.00	54	\$17.00	60	\$18.00	59
No. 232	125-200 lbs.....	16.70	62	17.40	65	30.50	105	33.50	110	34.50	115
No. 33	More than 200 lbs.....	18.80	72	19.60	76	35.00	119	39.60	125	40.60	132

Example Order for Short Sets—1 short set, 5-door No. 435 "Slidelite" for No. 31 track. Doors open out.

Special Hinge for Heavy Doors

For heavy doors or rigorous service, No. 1035 hinge (listed page 63) may be substituted for the Butt Hinges included with the regular No. 435 sets.

Discount



Garage Door Hardware

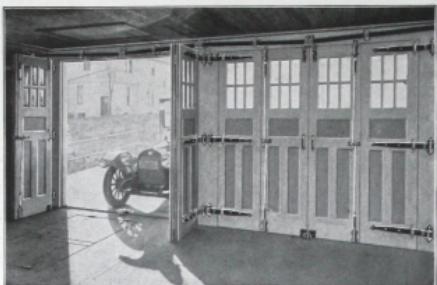


Fig. A-520—Interior view of double entrance garage doorway equipped with "Slidelite" two-track, four-door No. 1035 hardware, which includes heavy offset hinges. Two car garage.

Slidelite Patented

R-W No. 1035 Garage Door Hardware

Designed to fold doors clear of opening in doorway having three to ten doors in one opening, 8 feet to 30 feet wide.

"Slidelite" No. 1035 equipment is designed for heavy doors and exceptionally hard service, such as that incident to public garages, where the doors are large and the service rigorous.

"Slidelite" No. 1035 equipment, heavy offset hinges and special track brackets take the place of the regular "Slidelite" No. 435 sets.

If Wicket Entrance Door is wanted, see page 20 for details and prices of hardware.

"Slidelite" No. 1035 Equipment Complete with All Bolts and Screws Necessary to Erect

DESCRIPTION	With No. 514 Bolts (see p. 57)	With No. 514 Top and Bottom Bolts (see p. 57)	With No. 417 Top and Bottom Bolts, adjustable for doors up to 9' high (see p. 55)	With No. 517 Garage Cre- mone Bolts, adjustable for doors 9' 1" to 10' high (see p. 55)	With No. 517 Garage Cre- mone Bolts, adjustable for doors up to 9' high (see p. 55)	With No. 617 Garage Cre- mone Bolts, adjustable for doors up to 9' high (see p. 55)
	List Price Lbs.	Shg. Wt. Lbs.	List Price Lbs.	Shg. Wt. Lbs.	List Price Lbs.	Shg. Wt. Lbs.
No. 1035 Three-door Set, opening not to exceed 8' wide, with No. 31 Track—for doors weighing up to 125 lbs. with No. 232 Track—for doors weighing between 125-200 lbs. with No. 33 Track—for doors weighing more than 200 lbs.	\$ 20.00 75	\$ 20.00 76	\$ 21.40 76	\$ 23.00 80	\$ 23.60 83	\$ 23.80 84
with No. 31 Track—for doors weighing up to 125 lbs. with No. 232 Track—for doors weighing between 125-200 lbs. with No. 33 Track—for doors weighing more than 200 lbs.	27.30 105	27.30 107	29.20 107	30.80 113	31.40 114	31.60 115
No. 1035 One-and-a-half-door Set, opening not to exceed 8' wide, with No. 31 Track—for doors weighing up to 125 lbs. with No. 232 Track—for doors weighing between 125-200 lbs. with No. 33 Track—for doors weighing more than 200 lbs.	30.50 114	30.50 116	32.90 115	34.50 121	35.30 122	35.30 123
No. 1035 One-and-a-half-door Set, opening not to exceed 8' wide, with No. 31 Track—for doors weighing up to 125 lbs. with No. 232 Track—for doors weighing between 125-200 lbs. with No. 33 Track—for doors weighing more than 200 lbs.	22.00 77	22.00 80	25.05 80	28.25 91	28.85 93	29.05 95
with No. 31 Track—for doors weighing up to 125 lbs. with No. 232 Track—for doors weighing between 125-200 lbs. with No. 33 Track—for doors weighing more than 200 lbs.	30.60 113	30.60 116	34.40 113	37.60 117	38.80 118	39.20 120
No. 1035 One-and-a-half-door Set, opening not to exceed 8' wide, with No. 31 Track—for doors weighing up to 125 lbs. with No. 232 Track—for doors weighing between 125-200 lbs. with No. 33 Track—for doors weighing more than 200 lbs.	34.20 121	34.20 124	38.30 119	41.50 125	42.70 126	43.10 127
No. 1035 Three-door Set, opening not to exceed 8' wide, with No. 31 Track—for doors weighing up to 125 lbs. with No. 232 Track—for doors weighing between 125-200 lbs. with No. 33 Track—for doors weighing more than 200 lbs.	33.00 134	33.00 135	34.80 137	38.00 148	39.20 150	39.60 151
with No. 31 Track—for doors weighing up to 125 lbs. with No. 232 Track—for doors weighing between 125-200 lbs. with No. 33 Track—for doors weighing more than 200 lbs.	51.50 196	51.50 200	55.30 199	58.50 209	59.70 211	60.10 213
No. 1035 One-and-a-half-door Set, opening not to exceed 8' wide, with No. 31 Track—for doors weighing up to 125 lbs. with No. 232 Track—for doors weighing between 125-200 lbs. with No. 33 Track—for doors weighing more than 200 lbs.	58.00 215	58.00 219	61.80 225	65.00 228	66.20 230	66.60 232
No. 1035 One-and-a-half-door Set, opening not to exceed 8' wide, with No. 31 Track—for doors weighing up to 125 lbs. with No. 232 Track—for doors weighing between 125-200 lbs. with No. 33 Track—for doors weighing more than 200 lbs.	36.50 136	36.50 144	38.80 146	41.00 150	42.20 152	42.60 153
with No. 31 Track—for doors weighing up to 125 lbs. with No. 232 Track—for doors weighing between 125-200 lbs. with No. 33 Track—for doors weighing more than 200 lbs.	54.50 203	54.50 207	59.30 206	62.50 216	63.70 218	64.10 220
No. 1035 One-and-a-half-door Set, opening not to exceed 8' wide, with No. 31 Track—for doors weighing up to 125 lbs. with No. 232 Track—for doors weighing between 125-200 lbs. with No. 33 Track—for doors weighing more than 200 lbs.	61.00 223	61.00 227	65.00 225	69.00 236	70.20 238	70.60 240
No. 1035 One-and-a-half-door Set, opening not to exceed 8' wide, with No. 31 Track—for doors weighing up to 125 lbs. with No. 232 Track—for doors weighing between 125-200 lbs. with No. 33 Track—for doors weighing more than 200 lbs.	40.00 141	40.00 146	43.20 145	48.00 162	49.80 164	50.40 166
with No. 31 Track—for doors weighing up to 125 lbs. with No. 232 Track—for doors weighing between 125-200 lbs. with No. 33 Track—for doors weighing more than 200 lbs.	53.50 210	53.50 216	61.70 214	66.50 230	68.30 233	71.50 236
No. 1035 One-and-a-half-door Set, opening not to exceed 8' wide, with No. 31 Track—for doors weighing up to 125 lbs. with No. 232 Track—for doors weighing between 125-200 lbs. with No. 33 Track—for doors weighing more than 200 lbs.	62.00 241	62.00 246	68.20 257	73.00 255	74.80 257	75.40 259
No. 1035 One-and-a-half-door Set, opening not to exceed 8' wide, with No. 31 Track—for doors weighing up to 125 lbs. with No. 232 Track—for doors weighing between 125-200 lbs. with No. 33 Track—for doors weighing more than 200 lbs.	63.00 204	63.00 209	69.20 210	74.00 226	75.80 228	76.40 230
with No. 31 Track—for doors weighing up to 125 lbs. with No. 232 Track—for doors weighing between 125-200 lbs. with No. 33 Track—for doors weighing more than 200 lbs.	84.00 324	84.00 330	90.20 327	95.00 344	97.30 347	97.40 351
No. 1035 Three-door Set, opening not to exceed 8' wide, with No. 31 Track—for doors weighing up to 125 lbs. with No. 232 Track—for doors weighing between 125-200 lbs. with No. 33 Track—for doors weighing more than 200 lbs.	96.00 368	96.00 374	102.20 371	107.00 388	108.80 399	109.40 393
No. 1035 Three-door Set, opening not to exceed 8' wide, with No. 31 Track—for doors weighing up to 125 lbs. with No. 232 Track—for doors weighing between 125-200 lbs. with No. 33 Track—for doors weighing more than 200 lbs.	64.30 206	64.30 214	72.60 211	79.00 233	81.40 235	82.20 238
with No. 31 Track—for doors weighing up to 125 lbs. with No. 232 Track—for doors weighing between 125-200 lbs. with No. 33 Track—for doors weighing more than 200 lbs.	85.30 329	85.30 337	93.60 334	100.00 356	102.40 360	103.20 364
No. 1035 Four-door Set, opening not to exceed 8' wide, with No. 31 Track—for doors weighing up to 125 lbs. with No. 232 Track—for doors weighing between 125-200 lbs. with No. 33 Track—for doors weighing more than 200 lbs.	97.30 363	97.30 381	105.60 387	112.00 400	114.40 403	115.20 406
No. 1035 Nine-door Set, opening not to exceed 27' wide, with No. 31 Track—for doors weighing up to 125 lbs. with No. 232 Track—for doors weighing between 125-200 lbs. with No. 33 Track—for doors weighing more than 200 lbs.	87.00 267	87.00 275	93.60 272	100.00 294	102.40 296	103.20 299
with No. 31 Track—for doors weighing up to 125 lbs. with No. 232 Track—for doors weighing between 125-200 lbs. with No. 33 Track—for doors weighing more than 200 lbs.	114.00 396	114.00 404	120.60 401	127.00 423	129.40 427	130.20 431
No. 1035 Ten-door Set, opening not to exceed 20' wide, with No. 31 Track—for doors weighing up to 125 lbs. with No. 232 Track—for doors weighing between 125-200 lbs. with No. 33 Track—for doors weighing more than 200 lbs.	131.00 480	131.00 484	137.60 484	144.00 505	146.40 509	147.20 511
No. 1035 Nine-door Set, opening not to exceed 27' wide, with No. 31 Track—for doors weighing up to 125 lbs. with No. 232 Track—for doors weighing between 125-200 lbs. with No. 33 Track—for doors weighing more than 200 lbs.	88.00 269	88.00 277	94.60 275	101.00 296	103.40 299	104.20 303
with No. 31 Track—for doors weighing up to 125 lbs. with No. 232 Track—for doors weighing between 125-200 lbs. with No. 33 Track—for doors weighing more than 200 lbs.	115.00 402	115.00 409	121.60 417	128.00 416	130.40 419	131.20 422
No. 1035 Ten-door Set, opening not to exceed 20' wide, with No. 31 Track—for doors weighing up to 125 lbs. with No. 232 Track—for doors weighing between 125-200 lbs. with No. 33 Track—for doors weighing more than 200 lbs.	132.00 506	132.00 513	138.60 521	145.00 520	147.40 523	148.20 526
No. 1035 Ten-door Set, opening not to exceed 20' wide, with No. 31 Track—for doors weighing up to 125 lbs. with No. 232 Track—for doors weighing between 125-200 lbs. with No. 33 Track—for doors weighing more than 200 lbs.	89.50 271	89.50 281	98.00 277	106.00 301	109.00 308	110.00 312
with No. 31 Track—for doors weighing up to 125 lbs. with No. 232 Track—for doors weighing between 125-200 lbs. with No. 33 Track—for doors weighing more than 200 lbs.	118.00 404	118.00 410	125.00 418	132.00 440	136.00 444	137.00 448
No. 1035 Ten-door Set, opening not to exceed 20' wide, with No. 31 Track—for doors weighing up to 125 lbs. with No. 232 Track—for doors weighing between 125-200 lbs. with No. 33 Track—for doors weighing more than 200 lbs.	133.50 498	133.50 504	140.60 503	150.00 532	154.00 536	156.00 540

Note—Locks for entrance doors not included in above sets. (See page 54.) Sets include screws for attaching track brackets. If attachment is to be made to brick or concrete, expansion shields should be ordered extra.

Direction sheet showing erecting details furnished with hardware.

Discount.....

"A Hanger for any Door that Slides"

Slidelite

Patented

R-W No. 1035 Garage Door Hardware

CONTINUED



Fig. A-521—Interior view of doorway equipped with "Slidelite" nine-door No. 1035 hardware which includes heavy offset hinges. Three car garage.

No. 1035 Short Sets

Packed Complete in One Box Except that Track, Locks and Locking Bolts are Omitted.

For Track No.	Three-door Set	One-track Four-door Set	Two-track Four-door Set	Five-door Set	Six-door Set	Seven-door Set	Three-track Eight-door Set	Four-track Eight-door Set	Nine-door Set	Ten-door Set
	List Price	Wt., lbs.	List Price	Wt., lbs.	List Price	Wt., lbs.	List Price	Wt., lbs.	List Price	Wt., lbs.
31	\$15.00	91	\$17.00	91	\$25.00	100	\$25.00	108	\$40.00	150
23/2	22.70	83	23.00	88	40.50	150	40.50	163	62.00	240
33	24.80	86	25.60	91	47.00	159	51.60	166	52.60	175
									68.00	264
									68.00	267

Detail of Hardware and List Price of Parts

DESCRIPTION	With No. 31 Track For doors weighing up to 125 lbs. each			With No. 35 Track For doors weighing up to 125 lbs. each			With No. 232 Track For doors weighing 125-200 lbs. each			With No. 33 Track For doors weighing more than 200 lbs.		
	Number	List Price	Wt., lbs.	Number	List Price	Wt., lbs.	Number	List Price	Wt., lbs.	Number	List Price	Wt., lbs.
Roller Bearing Hangers, each	435-1	\$3.50	3 1/2	435-4	\$3.50	4	435-3	\$4.50	7 1/2	435-2	\$5.00	8
Center Track Bracket, each	435x31-C	.30	1	435x31-C	.30	1	435x232-C	.80	2 1/2	435x33-C	\$1.00	8
End Track Bracket, each	1035x31-E	1.00	4 1/2	1035x31-E	1.00	4 1/2	1035x232-E	3.20	12 1/2	1035x33-E	3.00	10
Intermediate Track Bracket, each	1035x31-I	.70	1	1035x31-I	.70	1	1035x232-I	2.00	9 1/2	1035x33-I	2.00	11
Double End Brackets, each	1035x31-D	3.80	11	1035x31-D	4.00	12 1/2	1035x232-D	5.10	19	1035x33-D	5.80	24
Double Intermediate Brackets, each	1035x31-DE	4.00	12 1/2	1035x31-DE	4.00	12 1/2	1035x232-DE	4.60	16	1035x33-DE	5.00	21
Joint Brackets, each	1035x31-J	4.80	8 1/2	1035x31-J	5.00	9 1/2	1035x232-J	5.80	11	1035x33-J	6.00	14
Ceiling Track, each	435x31-CC	.20	1/2	435x31-CC	.20	1/2	435x232-CC	.24	1	435x33-CC	.30	1
Surface Hinges, No. 435, japanned, per pair	4x5*	.60	1 1/2	4x5*	.60	1 1/2	24*	2.20	10 1/2	24*	2.20	10 1/2
Surface Hinge, No. 1035, jap., per pair												
Track, 1 1/2" x 10' per pair, determined by size of opening, per ft.	1035x31	.38	1 6	1035x35	.38	2 1	1035x232	.68	2 8	1035x33	.88	3 3
Bow Handles, each	81-1	.20	8 Oz.	81-1	.20	8 Oz.	81-1	.20	8 Oz.	81-1	.20	8 Oz.
Center Floor Guide, each	27-1	.50	2	27-1	.50	2	27-1	.50	2	27-1	.50	2
Hinge, each	435-72	.12	5 Oz.	435-72	.12	5 Oz.	435-72	.12	5 Oz.	435-72	.12	5 Oz.
Door Holder, each	119	.24	1 1/2	119	.24	1 1/2	119	.24	1 1/2	119	.24	1 1/2
Tie Rod, for doors 23°-29° wide, each	435-11	1.30	1 1/2	435-11	1.30	1 1/2	435-11	1.30	1 1/2	435-11	1.30	1 1/2
Tie Rod, for doors 30°-45° wide, each	435-12	1.50	1 1/2	435-12	1.50	1 1/2	435-12	1.50	1 1/2	435-12	1.50	1 1/2
Offset Hinges, Japanned:												
2 1/2" x 18" per pair	1035	4.00	12	1035	4.00	12	1035	4.00	12	1035	4.00	12
2 1/2" x 24" per pair	1035	4.50	14	1035	4.50	14	1035	4.50	14	1035	4.50	14
2 1/2" x 30" per pair	1035	5.00	18	1035	5.00	18	1035	5.00	18	1035	5.00	18
2 1/2" x 36" per pair	1035	5.50	20 1/2	1035	5.50	20 1/2	1035	5.50	20 1/2	1035	5.50	20 1/2

For illustration of parts see page 12.

Directions for Ordering

State—Width and height of opening. Thickness of doors. Bolts wanted. Style of Trolley Track.

Example Order—One set 5-door "Slidelite" No. 1035, for opening 15 feet wide, 8 feet high, doors 2 1/2" inches thick, including No. 517-1 Top and Bottom Bolts and No. 31 style of track.

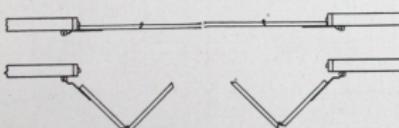


Fig. A-521-A—Floor plans of four-door "Slidelite" No. 1035 doorway showing, (1) doors closed, (2) doors partially opened.

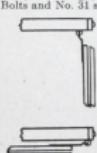
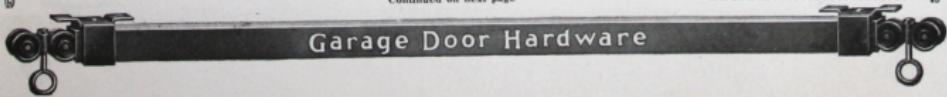


Fig. A-521-B—Floor plans of four-door "Slidelite" No. 1035 doorway showing, (1) doors open parallel with side walls, (2) doors open parallel with front wall, giving absolute clearance from jamb to jamb.

Continued on next page

Discount



Garage Door Hardware

Slidelite
Patented



Fig. A-522—Interior view of garage doorway equipped with "Slidelite" nine-door No. 1035 hardware which includes heavy offset hinges. Doors in open position. Three-car garage.

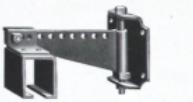
R-W No. 1035

Garage Door Hardware

CONTINUED

For Prices of Complete Sets See Pages 10 and 11

Detail of Hardware



No. 1035-E—End Bracket



No. 1035-I—Intermediate Bracket



C—Center Bracket



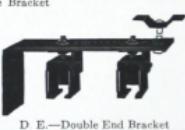
No. 1035—Special Heavy Service Hinge
(See Page 63 for Price)



No. 435 Hanger



J—Joint Bracket
*Showing Ceiling Clip



D E—Double End Bracket
*Showing Ceiling Clip



D. I.—Double Intermediate Bracket
*Showing Ceiling Clip

*Ceiling Clip and Bolt for same not included in price of Brackets.

Thresholds

Some garage owners desire special thresholds designed to make their garage doors tight at the bottom against wind and storm.

For this purpose, we present the three sketches of suggested thresholds on this page—these thresholds being intended particularly for garage doors hung on "Slidelite," "SlydaSyde" and "Corn-Wise" hanger equipments.

The left hand side in all of the sketches is the outside of the building.

The left hand sketch shows a bar of steel set into the concrete and extending about $\frac{3}{4}$ inch above the floor line. This forms an effective wind break for the bottom of the door.

In the center sketch an angle is used instead of a bar and has

the particular advantage of being more easily set straight because of the greater stiffness in the angle.

The right hand sketch is built up entirely of concrete with the outside of the door extending beyond the highest part of the floor line, thus preventing the water from running down the face of the door and following the bottom of the door inside the building. The groove at the bottom of the door precludes water from creeping beneath the door by capillary attraction. This design of threshold is intended more particularly for a water stop, whereas, the other two are intended more particularly for wind stops.

The first two are also especially good for use with "Slidelite" doors opening out, the threshold in that case, being placed inside the door instead of outside.

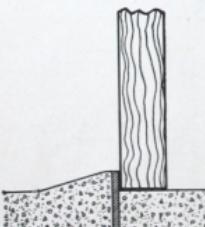


Fig. A-523—Concrete raised threshold with edge formed by flat steel bar set in concrete.

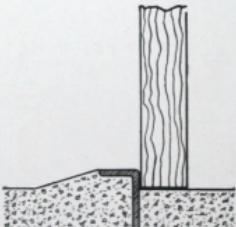


Fig. A-524—Concrete raised threshold with steel angle piece forming top and edge of threshold.

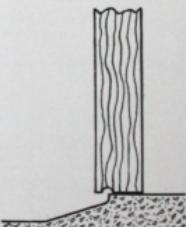


Fig. A-525—Drop threshold designed to prevent water from driving beneath door.

Slidelite

Patented

R-W No. 1035

Garage Door Hardware

Applied to Doors Opening Out

Made for Doorways Having Three to Six Doors in One Opening,
8 Feet to 18 Feet Wide

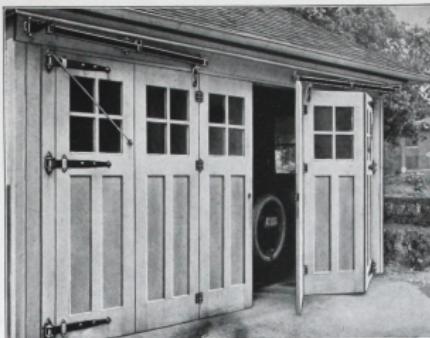


Fig. A-526—Exterior view of garage doorway equipped with "Slidelite" six-door No. 1035 hardware, applied to doors opening out. Two car garage.

No. 1035 Hardware for Doors Opening Out, with all Bolts and Screws Necessary to Erect Diagrams below show installation details

DESCRIPTION	3-door set, opening not to exceed 9 ft. wide		One-track 4-door set, opening not to exceed 12 ft. wide		Two-track, 4-door set, opening not to exceed 12 ft. wide		5-door set, opening not to exceed 15 ft. wide		6-door set, opening not to exceed 18 ft. wide		
	List Price No. 514/No. 417	Shipping Wt., lbs. No. 514	List Price No. 514/No. 417	Shipping Wt., lbs. No. 514	List Price No. 514/No. 417	Shipping Wt., lbs. No. 514	List Price No. 514/No. 417	Shipping Wt., lbs. No. 514	List Price No. 514/No. 417	Shipping Wt., lbs. No. 514	
No. 1035 Set Complete, including Bolts.											
With No. 31 or No. 35 track.....	\$29.00	21.40	80	\$22.00	25.05	83	\$33.00	34.80	134	\$36.50	38.80
With No. 232 track.....	27.30	29.20	105	30.60	34.40	113	51.50	55.30	196	54.50	59.30
With No. 33 track.....	30.50	32.90	114	34.20	38.30	121	58.00	61.80	215	61.00	65.80

Note—Knob locks for entrance doors not included in above sets. (See page 54). Sets include lag screws for attaching track brackets. If attachment is to be made to brick or concrete, expansion shields should be ordered extra.

Direction sheet showing erecting details furnished with hardware.

If wicket entrance door is wanted see page 20 for details and prices of hardware.

to be made to brick or concrete, expansion shields should be ordered extra.

Direction sheet showing erecting details furnished with hardware.

If wicket entrance door is wanted see page 20 for details and prices of hardware.

Directions for Ordering

State—Type and style of hardware. Width and height of opening. Thickness of doors. Kind of locking bolts wanted. Kind of Trolley Track. State doors open out.

Order—Order for Complete Sets—One set, 3-door No. 1035 "Slidelite" for opening 9 feet wide, 8 feet high, doors 2½ inches thick, with 417 Bolts, and No. 31 track. Doors open out.

No. 1035 Short Sets for Doors Opening Out Complete as above except that track, locks and locking bolts are omitted

For Track Number	For Doors weighing each	3-door set		One-track 4-door set		Two-track, 4-door set		5-door set		6-door set	
		List Price	Shipping Wt., lbs.	List Price	Shipping Wt., lbs.	List Price	Shipping Wt., lbs.	List Price	Shipping Wt., lbs.	List Price	Shipping Wt., lbs.
31-35	Up to 125 lbs.....	\$16.00	63	\$17.00	65	\$25.00	106	\$29.00	108	\$30.00	105
232	125 to 200 lbs.....	22.70	83	23.00	88	42.50	150	45.50	158	46.50	163
33	More than 200 lbs.....	24.80	86	25.60	91	47.00	159	51.60	166	52.60	175

Example Order of Short Sets—1 short set, 3-door No. 1035 "Slidelite" for No. 31 track. Doors opening out.

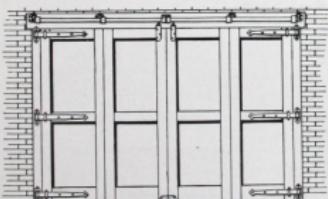


Fig. A-527—Elevation showing hardware outside the doorway when "Slidelite" No. 435 four-door equipment is applied to doors opening out.

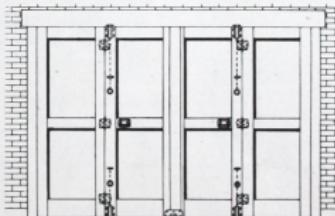


Fig. A-528—Elevation showing hardware inside the doorway when "Slidelite" No. 435 four-door equipment is applied to doors opening out.

Discount.....



Fig A-529—Interior view of garage doorway equipped with "Slidelite-Ideal," six-door hardware. Two car garage.

"Slidelite-Ideal" No. 1135 Equipment is designed, as its name signifies, for installations where it is desired to achieve a particularly classy combination of effects, such as the garage doorway of an aristocratic estate.

In "Slidelite-Ideal" No. 1135 Equipment the well-known "Ideal" Ball-Bearing Hangers and track take the place of the regular No. 435 as shown on pages 2-9 of this catalog, and come in sets including R-W No. 1135 Offset Hinges, Cremona Hinges, H-W No. 1035 Offset Hinges. Installations may be made with regular No. 435 Butts in place of the No. 1035 Offset hinges if desired.

The door hanger unit of "Slidelite-Ideal" equipment (well-known as Richards-Wilcox "Ideal" Hardware) embodies, because of its scientific construction, a maximum of perfect principles. The door hangs from a wide rider-bar, rolling over steel balls, which in turn, roll along a carefully milled track groove. Friction

is eliminated, and at the same time the rider-bar travels at twice the speed of the balls. A ball retainer keeps the steel balls always properly spaced.

This ball bearing design provides a hanger which operates with exceptional smoothness and ease, and the combination of "Ideal" track with the "Slidelite" design, produces in "Slidelite-Ideal" hardware, an equipment that is perfection itself.

Figure A-532 which shows a cross section of "Ideal" track, and figure A-531 which shows a cross section of "Slidelite" track, will give the reader a clear idea of the construction and operation of this ball-bearing device. The track is a rectangular shaped tube made of very heavy gauge steel, drawn to form two parallel runways for steel balls, upon which the hanger rolls.

The general arrangement of the doors and the hardware coincide with that of the regular "Slidelite" No. 435 sets as shown on pages 2-9.

R-W No. 1135

Garage Door Hardware

Made for Doorways Having Three to Ten Doors in One Opening, 8 Feet to 30 Feet Wide.

List Price

Equipment Complete, Including Hangers, Track and Brackets, with All Bolts and Screws Necessary to Erect and
617 Adjustable Cremona Bolts (Page 55)

DESCRIPTION	With No. 1035 offset hinges		Hanger, track and bracket Assembly only	
	Price	Shipping Weight, lbs.	Price	Shipping Weight, lbs.
No. 1135 Three-door set—opening not to exceed 9' wide, (pages 3 to 5)	\$ 41.50	76	\$15.80	28
No. 1135 One-track, Four-door set, opening not to exceed 12' wide, (pages 3 to 5)	52.00	98	15.80	28
No. 1135 Two-track, Four-door set, opening not to exceed 12' wide, (pages 3 to 5)	71.00	146	32.00	56
No. 1135 Five-door set—opening not to exceed 15' wide, (pages 3 to 5)	75.00	157	32.00	56
No. 1135 Six-door set—opening not to exceed 18' wide, (pages 3 to 5)	85.00	165	32.00	56
No. 1135 Seven-door set—opening not to exceed 21' wide, (pages 6 to 9)	140.00	250	65.00	110
No. 1135 Three-track, Eight-door set—opening not to exceed 24' wide, (pages 6 to 9)	151.00	265	65.00	110
No. 1135 Four-track, Eight-door set—opening not to exceed 24' wide, (pages 6 to 9)	191.00	338	95.00	164
No. 1135 Nine-door set—opening not to exceed 27' wide, (pages 6 to 9)	193.00	349	95.00	164
No. 1135 Ten-door set—opening not to exceed 30' wide, (pages 6 to 9)	203.00	355	95.00	164

Note—Knob lock for entrance door not included in above sets (see p. 54). Sets include lag screws for attaching track brackets. If attachment is to be made to brick or concrete, expansion shields should be ordered extra.

Direction sheet showing erecting details furnished with hardware.

If wicket entrance door is wanted, see page 20 for details and prices of hardware.

Detail of Hardware and List Price of Parts

Exclusive of Hanger, Track and Bracket, Assemblies Listed Above

No. 81-1	Bow Handles, each	\$ 0.20	8 ozs.	No. 435	Japanned Surface Hinges, 5 x 7 inches, per pair	\$1.40	4 1/2 lbs.
No. 271	Center Floor Guides, each . . . . .	.96	2 1/2 lbs.	No. 435	Japanned Offset Hinges	1.40	4 1/2 lbs.
No. 435-72	Cremona Hinges, each . . . . .	.12	5 ozs.	No. 1035	1 1/2 x 18 inches, per pair	4.00	12 lbs.
No. 435-1	Tie Rod, with pintel and pin, for doors 23 inches to 29 inches wide, each	1.30	1 1/2 lbs.		2 1/2 x 24 inches, per pair	4.50	14 lbs.
No. 435-2	Tie Rod, with pintel and pin, for doors 30 inches to 36 inches wide, each	1.50	1 1/2 lbs.	No. 617	2 1/2 x 30 inches, per pair	5.00	16 lbs.
No. 435	Japanned Surface Hinges, 4 x 5 inches, per pair . . . . .	.80	1 1/2 lbs.	No. 119	Cremona Hinges, adjustable for doors up to 10 feet high, each	9.50	14 1/2 lbs.
					Door Holder, each . . . . .	.30	1/2 lb.

Directions for Ordering

State—Type and Style of Hardware. Width and height of opening. Style of Hinge wanted. Thickness of doors.

Example Order—One set, five-door "Slidelite-Ideal" for opening 15 feet wide, 8 feet high, with No. 1035 Offset Hinge. Doors 1 1/4 inches thick.

Discount

"A Hanger for any Door that Slides"

Slidetite
Patented

R-W No. 1135

Garage Door Hardware

CONTINUED



R-W No. 1035
Heavy Offset Hinge with Surface Pintle

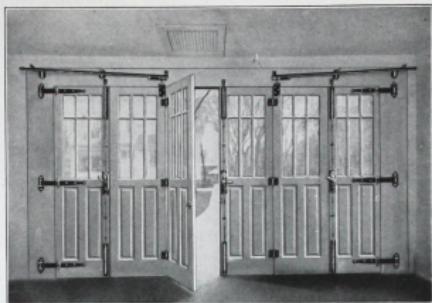


Fig. A-530—Interior of same doorway shown on preceding page: doors closed, except entrance door which stands ajar.



No. 435 Surface Hinge



No. 81 Bow Handle



No. 271 Adjustable Floor Guide
with No. 435-72 Steel Bumper
Shoe.



Fig. A-531—“Slidetite-Ideal”
hanger, track and bracket as-
sembly, illustrating action of
rider bar and steel balls running
in milled groove of track and
also showing the relation of the
exterior and intermediate adjust-
able brackets to the track.

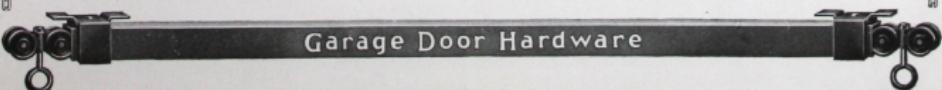


No. 435 Tie
Rod with Pintle
and Pin.



Fig. A-532—Actual size cross section
of Slidetite-Ideal track showing
rider bar, ball spacer which main-
tains correct position of ball-bear-
ings and track.

Fig. A-533
R-W No. 617 Cremone Bolt



Garage Door Hardware

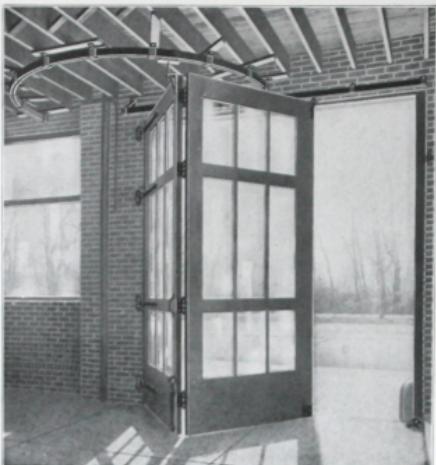


Fig. A-534—Interior view of "Slidetite" No. 1235 hardware installed in connection with two heavy doors to close one opening. Doors partly opened.

Slidetite
Patented

R-W No. 1235

Garage Door Hardware

Hardware Set for Excep. 'nally Heavy Sliding Fold Doors More Than Three Feet Wide

This equipment handles two big doors hinged together, one door hinged to the jamb and supported at its outer edge by a circular trolley track; the other door supported at its outer edge by a straight trolley track with compound curve, attached to front wall.

The doorway may be furnished with a pair of doors operating from one jamb, or a pair of doors operating from each jamb, as illustrated by line drawings on the opposite page. Three weights of track, brackets and hangers as set forth in the table below, give ample range of hardware to suit a wide variety of doorway sizes and weights of doors.

Suggested Hardware With Detail List Price for One Pair of Doors

	Price	Shpg. Wt.
1 1/2 pair No. 1035 Hinges, 2 1/4 inches by 3 inches, (p. 63), per pair (For doors over 10 feet high, use 2 pairs No. 1035 hinges.)	\$5.00	16 lbs.
1 1/2 pair No. 435 Surface Hinges, 5 inches by 7 inches, (p. 64), per pair (For doors over 10 feet high, use 2 pairs No. 435 Hinges.)	1.40	4 1/2 lbs.
1 No. 272 Floor End Stop, (p. 61), each	.72	3 lbs.
2 No. 435-72 Hinges, each	.12	5 ozs.
If a pair of doors is attached to each jamb, use No. 271 Floor Guide (listed p. 61), instead of No. 272. 1 set Locking Bolts to be chosen from the list following:		

Locking Bolts for No. 1235 Equipment

	Price	Shpg. Wt.
2 R-W No. 514 Spring Bolts (p. 57), each	\$0.80	2 lbs.
1 R-W No. 514 Spring Bolt (p. 57), each	1.20	4 lbs.
And 1 R-W No. 514 Locking Bolt (p. 57), each	.80	12 lbs.
1 R-W No. 517 Garage Cremone Bolt for doors 7 feet to 8 feet high (p. 55), each	5.00	12 lbs.
1 R-W No. 517 Garage Cremone Bolt adjustable for doors 8 feet 1 inch to 9 feet high (p. 55), each	6.00	12 lbs.
1 R-W No. 517 Garage Cremone Bolt adjustable for doors 9 feet 1 inch to 10 feet high (p. 55), each	5.80	13 lbs.
1 R-W No. 617 Garage Cremone Bolt for doors up to 10 feet high (p. 56), each	9.50	14 1/2 lbs.
And 1 No. 1125 Lock, each	9.50	14 1/2 lbs.
	3.00	1 1/2 lbs.

List Price of Hangers, Track and Brackets

DESCRIPTION	With No. 31 Track For doors up to 250 lbs. each				With No. 232 Track For doors weighing between 250-400 lbs. each				With No. 33 Track For doors heavier than 400 lbs. each			
	Number	Price	Shipping Wt., lbs.	Number	Price	Shipping Wt., lbs.	Number	Price	Shipping Wt., lbs.	Number	Price	Shipping Wt., lbs.
1 Knuckle Joint Hanger, each	435-11 K. J.	\$6.00	9	435-13 K. J.	\$9.00	12	435-12 K. J.	\$9.50	12	435-14 K. J.	\$10.50	12
1 Knuckle Joint Hanger, each	435-11 K. J.	3.00	3 1/2	435-3 K. J.	6.00	7 1/2	435-3 K. J.	6.50	7 1/2			
1 End Track Bracket, each	2x31	1	2	2x32	.34	2	2x33	.44	4			
Center Track Brackets, each	1x31	.16	1	1x32	.34	2	1x33	.44	2			
Center Ear Casting Center Brackets, each	5x31	.16	1 1/2	5x32	.34	2 1/2	5x33	.44	4			
1 Center Ear Casting Center Brackets, each	4x31	.16	1 1/2	4x32	.34	2 1/2	4x33	.44	4			
1 Extension End Bracket, each	125x31-E	1.50	1 1/2	125x32-E	2.00	2 1/2	125x33-E	2.44	4 1/2			
Extension Center Brackets, each	125x31-C	1.50	4	125x32-C	2.30	6 1/2	125x33-C	2.70	9			
1 Circular Track (see plan), per foot	No. 31 Curved track Curve	1.20	1.6	No. 232 Curved track Curve	1.80	2 1/2	No. 33 Curved track Curve	2.00	9	No. 33 Curved track Curve	2.70	9
1 Circular Track (see plan), per requirement (see plan next page), each	No. 31 Compound Curve	8.00	3	No. 232 Compound Curve	9.00	5	No. 33 Compound Curve	9.00	6			3.1

Discount

"A Hanger for any Door that Slides"

Slidetite,

Patented

R-W No. 1235

CONTINUED

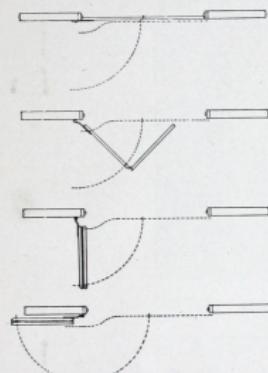


Fig. A-536—Floor plans showing operation of two doors equipped with "Slidetite" No. 1235 hardware illustrating (1) doors in closed position, (2) doors partly open, (3) doors open at right angles with front wall, (4) doors open parallel with front wall. The dotted lines represent the tracks.



Fig. A-535—Interior view of "Slidetite" No. 1235 hardware installed in connection with two heavy doors to close one opening. Doors wide open.



Trolley Track Compound Curve

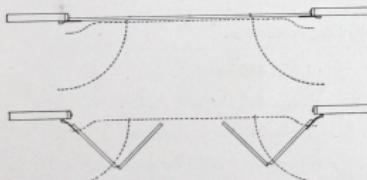


Fig. A-537—Floor plans showing operation of four doors equipped with "Slidetite" No. 1235 hardware, illustrating (1) doors in closed position, (2) doors partly open. The dotted lines represent the tracks.



Fig. A-539—Floor plans showing operation of four doors equipped with "Slidetite" No. 1235 hardware illustrating, (1) doors open at right angles with front wall, (2) doors open parallel with front wall. The dotted lines represent the tracks.

Discount.....

Garage Door Hardware

R-W No. 436

Garage Door Equipment

18

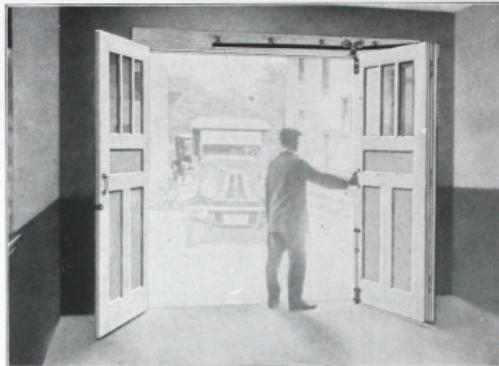


Fig. A-540—Doorway Equipped with No. 436 Fixtures

The drawings on the next page give complete instructions regarding the installation of this hardware.

The doors slide and fold inside the building, and when open take up very little space.

This equipment will handle any three-door opening which is not more than nine feet in width. The single door which is hinged to the jamb can be used as an entrance door, thus saving the expense of having a separate entrance door in one of the side walls. The doors fit perfectly tight and are weather-proof. The hanger and track, being installed on the inside of the garage, are not subject to weather, birds' nests, etc., and operate easily and quietly. No snow and ice has to be shoveled before the garage doors can be opened.

A Set of Fixtures Contains the Following Hardware:

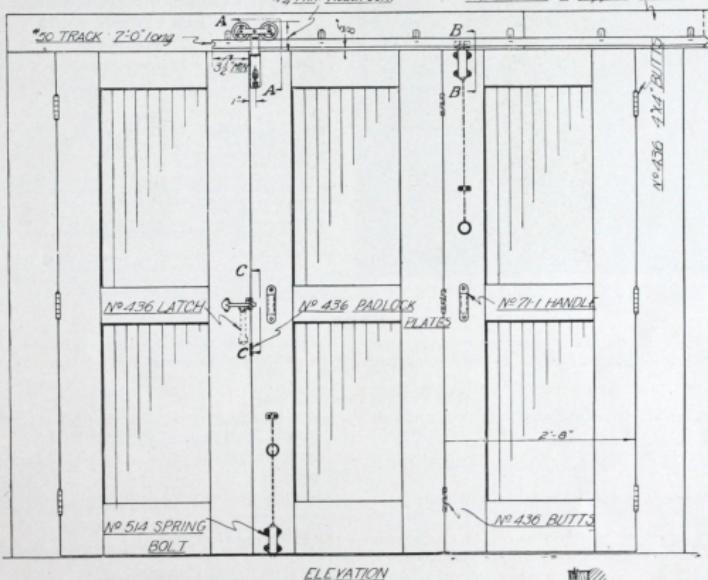
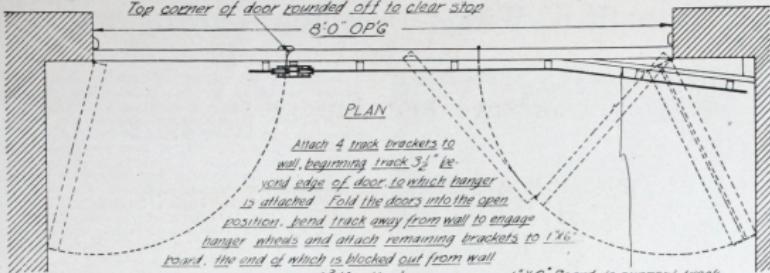
1 only No. 436 Hanger.	1 No. 436 Latch.
1 Piece Flat Track with Brackets. (7')	2 No. 436 Padlock Plates.
4½ Pairs No. 436 Butt Hinges.	2 No. 71-1 Bow Handles.
1 No. 514 Top Bolt.	Screws and Bolts for attaching.
1 No. 514 Bottom Bolt.	

LIST PRICE

R-W No. 436 Set, Complete, Weight 20 pounds.	\$7.70
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Discount.

"A Hanger for any Door that Slides"

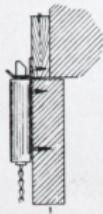
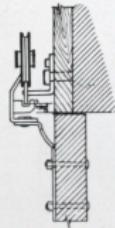


R-W No. 436

Garage Door Hardware

Fig. A-541

SECTION C-C



Garage Door Hardware

R-W Wicket Door Hardware

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Fig. A-542—Interior view of public garage doorway provided with wicket screen door equipped with R-W Wicket Door Hardware.

No. 435 Hinges. Size 4x4 inches. Japanned Butts for doors up to 2 inches thick. Shipping weight, 1½ pounds. Price, per pair

\$0.60

List Price of Complete Sets

Wicket Door Hardware for "Slidelite" or Swinging Door, Wicket Doors not over 30 inches wide up to 6 feet 0 inches high and 1½ inches thick as follows:

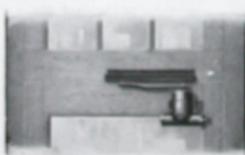
1 No. 1035 Steel Threshold, size as requested.
1 Pair No. 435 Hinge, 4x4 inches.
1 Pair No. 435 Japanned Butt Hinges, size 4x4 inches, shipping weight, 21 pounds. Price, per set

\$18.00

Wicket Door Hardware for "Slidelite" or Swinging Door, Wicket Doors not over 30 inches wide and not exceeding 6 feet 6 inches in height and 2½ inches in thickness, as follows:

1 No. 1035 Steel Threshold, size as requested.
1 No. 943-2 Door Check with single arm.
1 Pair No. 435 Japanned Butt Hinges, size 4x5 inches. Shipping weight, 23 pounds. Price, per set

\$20.00



No. 943-2 or 3—Special Door Check



No. 435—Butt Hinge



No. 1035—Steel Threshold

In many garages where the doors are heavy and there is constant use for an individual passage door, the wicket style of entrance door can be installed with economy.

The Wicket Door hardware shown below is suitable for requirements of this kind and is particularly desirable for such use as No. 1035, or on swinging doors in connection with which the Wicket Door swings out. Special single arm door el-eks are used, so constructed that the arm of the door check will not extend into the doorway opening and catch on auto tops.

For Sliding Doors on inside of building, standard door check is used and Wicket Door opens in.

Door Checks are reversible for right or left hand doors.

The hardware listed below furnishes ample range for desired variation in size of the Wicket Doors.

Detail of Hardware and List Price of Parts

Thresholds

Made to order according to size and thickness of doors. In ordering, state width of large doors in which Wicket Door is mounted, width of Wicket Door and thickness of door. Shipping weight, approximately 12 pounds. Price each, (size to order) \$10.00

Door Checks

For Wicket Doors not over 30 inches wide, up to six feet 0 inches high, and 1½ inches thick, mounted in "Slidelite" or swinging doors. Shipping weight, 7½ pounds. No. 943-2, Single Arm Check, each \$8.00

For heavier doors not over 30 inches wide and not exceeding 6 feet 6 inches in height and 2½ inches thick, mounted in "Slidelite" or swinging doors. Shipping weight, 9½ pounds. No. 943-3, Single Arm Check, each \$9.00

For Wicket Doors not over 30 inches wide, up to 6 feet 0 inches high, and 1½ inches thick, mounted in sliding doors inside of building. Shipping weight, 7½ pounds. No. 643-2, Regular Check, each \$6.40

For Wicket Doors not over 30 inches wide and not exceeding 6 feet 6 inches in height and 2½ inches in thickness, mounted in sliding doors inside of building. Shipping weight, 9½ pounds. No. 643-3, Regular Check, each \$7.50

Hinges

No. 435 Hinges. Size 5x5 inches. Japanned Butts for heavier doors. Shipping weight, 2½ pounds. Price, per pair \$1.00

Price, per set

Wicket Door Hardware for Sliding Door inside of building. Wicket Doors not over 30 inches wide, up to 6 feet 0 inches high and 1½ inches thick as follows:

1 No. 643-2 Regular Check, size as requested.
1 Pair No. 435 Japanned Butt Hinges, 5x5 inches. Shipping weight, 28½ pounds. Price, per set

\$17.00

Wicket Door Hardware for Sliding Doors inside of building. Wicket Doors not over 30 inches wide, and not exceeding 6 feet 6 inches in height and 2½ inches in thickness, as follows:

1 No. 643-3 Regular Check, size as requested.
1 Pair No. 435 Japanned Butt Hinges, 5x5 inches. Shipping weight, 28½ pounds. Price, per set

\$18.50

Note—Above sets do not include latch or lock for wicket doors. (See page 54.)

Discount

"A Hanger for any Door that Slides"

SlydaSyde Right Angle Door Hardware

R-W No. 235

In a garage where front wall space is limited and where it is desired to secure maximum use of the floor space, "SlydaSyde" R-W No. 235 Garage Door Equipment makes an unusually satisfactory installation.

Even very heavy doors operate lightly on "SlydaSyde" hardware.

We make sets to accommodate doors of various kinds in a wide range of weights and sizes, and in various combinations, as shown on this and the following pages.

The "SlydaSyde" door shown in the illustration on this page is 9 feet wide by 12 feet high, and closes the entrance of the shipping department of one of the branches of the Loose-Wiles Biscuit Company. It operates on R-W No. 33 Track, No. 235-2 and No. 235-12 Hangers. The door is $2\frac{1}{4}$ inches thick and weighs 700 pounds.

"SlydaSyde" doors when open stand along the side wall at right angles to the opening, inside the building and require a negligible amount of space for their operation in swinging around the corner.

The hardware is adaptable to various doorway conditions and arrangements, including—single doors with space between the jamb and the side walls; double doors with space between the jamb and side walls; single and double doors with jamb adjacent to the side wall; pair of doors hinged together for opening with space between the jamb and side wall.

Diagrams shown below give a graphic idea of the line of travel of doors of various widths and the space required for their operation around the corner.

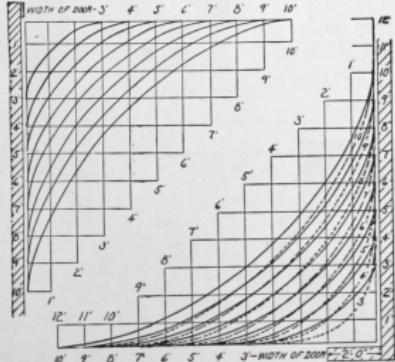


Fig. A-544—Diagram showing amount of clearance required for doors of various widths and with different jamb spaces, using "SlydaSyde" hangers. Follow dotted lines when curved track is used.



Fig. A-543—Exterior view of doorway equipped with single door, operating on "SlydaSyde AA" Hardware. Door in partly open position.

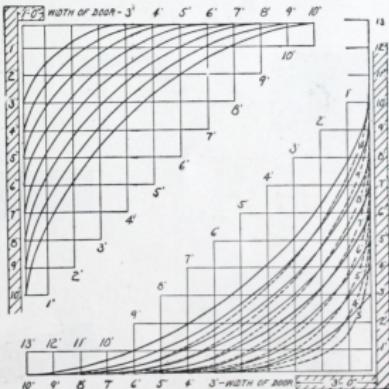


Fig. A-545—Diagram showing amount of clearance required for doors of various widths and with different jamb spaces, using "SlydaSyde" hangers. Follow dotted lines when curved track is used.

SlydaSyde
Patented

Right Angle Garage Door Hardware

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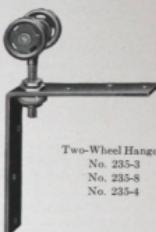
Four-Wheel
Hanger, Long
Pendant
No. 235-11
No. 235-17
No. 235-12



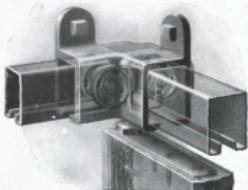
Four-Wheel Hanger
Short Pendant
*No. 235-1
*No. 235-7
*No. 235-2



Four-Wheel Hanger
No. 235-23
No. 235-28
No. 235-24



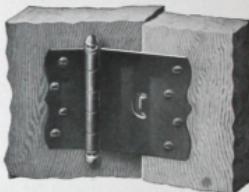
Two-Wheel Hanger
No. 235-3
No. 235-8
No. 235-4



Corner Bracket
No. 235x31-C
No. 235x32-C
No. 235x33-C



Slot Bracket
No. 235x1-8
No. 235x232-S
No. 235x33-S



Surface Hinge
No. 635



Flush Drop Handle
No. 170



Bow Handle
No. 81-1



End Bracket
No. 235-2x31
No. 235-2x32
No. 235-2x33



Center Bracket
No. 235-1x31
No. 235-1x32
No. 235-1x33



Center Stop
No. 235-12x31
No. 235-12x32
No. 235-12x33



Straight Track
No. 235x31
No. 235x32
No. 235x33



Curved Track
No. 235x31
No. 235x32
No. 235x33



Floor End Stop No. 272, and
Bumper Shoes No. 435-72



Center Floor Guide No. 271, and
Bumper Shoes No. 435-72

*Knuckle Joint Hanger to run in curved track furnished when desired.

Garage Door Hardware

"A Hanger for any Door that Slides"



Fig. A-545A—Interior view of garage doorway equipped with No. 235 "BB" Hardware. See page 25.

SlydaSyde

Patented

R-W No. 235

Right Angle Garage Door Hardware

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CONTINUED

Hanger Dimensions

Hanger No.	For Track No.	Diameter Wheels, Inches	Bearings in Hanger	Pendant	Top of Door to Bottom of Front Track		Clearance Required Above Bottom of Front Track	
					Minimum Inches	Maximum Inches	Side Wall Bracket, Inches	Ceiling Bracket, Inches
*235-1	31	2 1/8	Roller	Short	1	1 1/4	7	6
235-3	31	2 1/8	Ball	Short	1	1 1/4	4 1/2	3 1/2
235-5	31	2 1/8	Ball	Short	1	1 1/4	6	6
235-11	31	2 1/8	Holler	Long			7	6
235-23	31	2 1/8	Roller	Short	1 1/4	2 1/2	9 1/2	7 1/2
*235-7	232	3	Roller	Short	1 1/4	2 1/2	9 1/2	7 1/2
235-8	232	3	Roller	Short	1 1/8	2 1/2	9 1/2	7 1/2
235-9	232	3	Ball	Short	1 1/8	2 1/2	9 1/2	7 1/2
235-17	232	3	Roller	Long	1 1/8	2 1/2	9 1/2	7 1/2
235-28	232	3	Roller	Short	1 1/8	3 1/4	9 1/2	7 1/2
*235-2	33	3	Roller	Short	1 1/8	2 1/2	9 1/2	8 1/2
235-4	33	3	Roller	Short	1 1/8	2 1/2	9 1/2	8 1/2
235-6	33	3	Ball	Short	1 1/8	2 1/2	6	4 1/2
235-12	33	3	Roller	Long	1 1/8	2 1/2	9 1/2	8 1/2
235-24	33	3	Roller	Short	1 1/8	3 1/4	9 1/2	8 1/2

*Knuckle Joint Hanger to run in curved track furnished when desired.

Detail of Hardware and List Price of Parts

DESCRIPTION	With No. 31 Track, For Doors Weighing Up to 300 Lbs. Each			With No. 232 Track, For Doors Weighing Between 300 to 500 Lbs. Each			With No. 33 Track, For Doors Weighing Between 500 to 800 Lbs. Each		
	Number	Price	Shipping Weight, Lbs.	Number	Price	Shipping Weight, Lbs.	Number	Price	Shipping Weight, Lbs.
Hangers, each	235-1	\$2.50	3 1/2	235-7	\$3.50	7	235-2	\$4.00	7 1/2
Hangers, each	*235-1-K.J.	3.50	3 1/2	*235-7-K.J.	4.50	7	*235-2-K.J.	5.00	7 1/2
Hangers, each	*235-3	2.50	2 1/2	235-8	3.50	5	235-3	4.00	6
Hangers, each	*235-5	3.50	3 1/2	*235-9	4.50	8	*235-6	5.00	9 1/2
Hangers, each	235-11	2.50	3 1/2	235-17	3.50	7	235-12	4.00	8
Hangers, each	235-23	2.50	4	235-25	3.50	7 1/2	235-24	4.00	8
Corner Brackets, each	235-10-C	2.00	3 1/2	235-32-C	3.00	12 1/2	235-33-C	3.00	17
End Brackets, each	235-1x31	.32	1 1/2	235-2423	.68	235-2x33	.88	4	
Center Brackets, each	235-1x31	.32	1 1/2	235-1x32	.68	3	235-1x33	.88	4
Center Stop Brackets, each	235-12x31	1.00	3	235-12x32	1.60	5 1/4	235-12x33	2.00	7 1/2
Slot Brackets, each	235x31-S	2.00	6	235x32-S	3.00	8	235x33-S	3.00	8 1/2
Straight Track, per foot	235x31	.38	2	235x32	.68	4	235x33	.88	4 1/2
Curved Track, per foot	235x31	2.40	2	235x32	3.60	4	235x33	4.00	4 1/2
Surface Hinges, per pair	635	1.20	2 1/2	635	1.20	2 1/2	635	1.20	2 1/2
Flush Drop Handles, each	170	.36	1	170	.36	1	170	.36	1
Boy Handles, each	81-1	.20	1	81-1	.20	1	81-1	.20	1
Center Floor Guides, each	271	.96	3	271	.96	3 1/2	271	.96	3
Floor End Stops, each	272	.72	2 1/2	272	.72	2 1/2	272	.72	2 1/2
Bumper Shoes, each	435-72	.12	1	435-72	.12	1	435-72	.12	1

*This is a ball-bearing hanger. Hangers not starred are roller-bearing.

Discount

Garage Door Hardware

SlydaSyde

R-W No. 235

Right Angle Garage Door Hardware

Single Door Equipment "AA"
CONTINUED



Fig. A-547—Interior of doorway equipped with single door "SlydaSyde AA" hardware. Door wide open.

For Opening With Single Door and Wall Space Between Jamb and Side Wall, with Straight Track and No. 235 Slot Bracket.

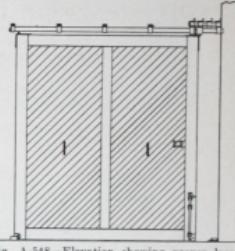


Fig. A-548—Elevation showing proper location of "SlydaSyde" AA-1 or AA-2 equipment including No. 524 Bolts.

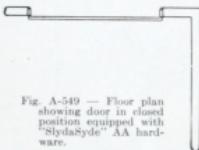


Fig. A-549 — Floor plan showing door in closed position equipped with "SlydaSyde" AA hardware.



Fig. A-550 — Floor plan showing position of door half closed, equipped with "SlydaSyde" AA hardware.



Fig. A-551 — Floor plan showing door wide open equipped with "SlydaSyde" AA hardware.

List Price of Equipments Complete with Track, Bolts and Screws Necessary to Erect

DESCRIPTION	With No. 31 track for doors weighing up to 300 lbs. each		With No. 33 track for doors weighing between 300-500 lbs. each		With No. 33 track for doors weighing between 500-800 lbs. each	
	List Price	Shipping Wgt., lbs.	List Price	Shipping Wgt., lbs.	List Price	Shipping Wgt., lbs.
Set AA-1 to lock door from inside only, including 1 R-W No. 524-1 Case Bolt (p. 57), with No. 31 track.						
Opening up to 8' wide.	\$20.00	66				
Opening 8' 1"-9" wide.	21.00	69				
Opening 9' 1"-10" wide.	22.00	72				
Set AA-2, to lock door from inside only, including 1 R-W No. 524-2 Case Bolt (p. 57), with No. 33 or No. 33 track.						
Opening up to 8' wide.			\$31.50	107	\$36.60	132
Opening 8' 1"-9" wide.			32.75	112	38.35	138
Opening 9' 1"-10" wide.			34.00	117	40.10	144
Set AA-3, to lock door from inside only, including 1 R-W No. 516 Door Bolt (p. 58).						
Opening up to 8' wide.	20.50	66	32.00	107	37.10	132
Opening 8' 1"-9" wide.	21.50	69	33.25	112	38.85	138
Opening 9' 1"-10" wide.	22.50	72	34.50	117	40.60	144
Set AA-4, to lock door from outside only, including 1 R-W No. 525 Lock (p. 59).						
Opening up to 8' wide.	22.00	66	32.50	107	37.60	132
Opening 8' 1"-9" wide.	23.00	69	33.75	112	39.35	138
Opening 9' 1"-10" wide.	24.00	72	35.00	117	41.10	144

Note—Sets include lag screws for attaching track brackets. If attachment is to be made to brick or concrete, expansion shields should be ordered extra. Directions sheet showing erecting details furnished with hardware. If wicket entrance door is wanted, see page 20 for details and prices of hardware.

Discount.....

Directions for Ordering Complete Sets

Style—Designation of set and number of track. Width of opening. Thickness of door. Distance door laps on jamb. Distance from jamb to side wall. Always send sketch of floor plan with above dimensions inserted.

Example Order of Complete Sets—One Set, "SlydaSyde" AA-1 for No. 31 track. Opening 8 feet wide. Door 1 1/4 inches thick. Door laps on jamb 2 inches. Jamb to side wall 24 inches.

"A Hanger for any Door that Slides"

SlydaSyde

Patented

R-W No. 235

Right Angle Garage Door Hardware

Double Door Equipment "BB"

For Opening with Double Doors and Wall Space Between Jams and Side Walls, with Straight Track and No. 235 Slot Brackets



Fig. A-552—Interior of garage doorway having double doors equipped with "SlydaSyde" BB hardware. One car garage. Note wicket entrance door.

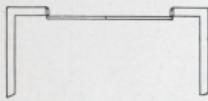


Fig. A-553—Floor plan showing position of closed doors, equipped with "SlydaSyde" BB hardware.



Fig. A-554—Floor plan showing position of doors half closed, equipped with "SlydaSyde" BB hardware.

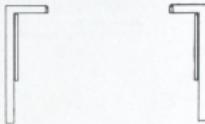


Fig. A-555—Floor plan showing position of doors wide open, equipped with "SlydaSyde" BB hardware.

List Price of Equipments Complete with Track, Bolts and Screws Necessary to Erect

DESCRIPTION	With No. 31 track for doors weighing up to 300 lbs. each		With No. 232 track for doors weighing between 300-500 lbs. each		With No. 33 track for doors weighing between 500-800 lbs. each	
	List Price	Shipping Wgt., lbs.	List Price	Shipping Wgt., lbs.	List Price	Shipping Wgt., lbs.
Set BB-1, to lock doors from inside only, including 2 R-W No. 524-1 Cane Bolts (p. 57), with No. 31 track.						
Opening up to 8' wide.	\$29.50	93				
Opening 8' 1"-9" wide.	30.50	97				
Opening 8' 1"-10" wide.	31.50	100				
Set BB-2, to lock doors from inside only, including 2 R-W No. 524 or No. 33 track.						
Opening up to 8' wide.			\$47.25	119	\$55.35	174
Opening 8' 1"-9" wide.			48.50	125	57.10	180
Opening 8' 1"-10" wide.			49.75	131	58.85	186
Set BB-3, to lock doors from inside only, including 2 R-W No. 516 Door Bolts, (p. 58).						
Opening up to 8' wide.	31.75	94	49.25	118	57.35	173
Opening 8' 1"-9" wide.	32.75	98	50.50	124	59.10	179
Opening 8' 1"-10" wide.	33.75	101	51.75	130	60.85	185
Set BB-4, including 1 R-W No. 524-1 Bolt (p. 57), with No. 31 track, to lock 1 door from inside and 1 R-W No. 525 Lock (p. 59), to lock 1 door from outside.						
Opening up to 8' wide.	32.00	94				
Opening 8' 1"-9" wide.	33.00	98				
Opening 8' 1"-10" wide.	34.00	101				
Set BB-5, including 1 R-W No. 524 Bolt (p. 57), with No. 232 or No. 33 track, to lock one door from inside and 1 R-W No. 525 Lock (p. 59), to lock 1 door from outside.						
Opening up to 8' wide.			49.75	118	57.85	174
Opening 8' 1"-9" wide.			51.00	124	59.60	180
Opening 8' 1"-10" wide.			52.25	130	61.35	186
Set BB-6, including 1 R-W No. 516 Door Bolt (p. 58), to lock one door from the inside, and 1 R-W Lock No. 525 (p. 59), to lock 1 door from the outside.						
Opening up to 8' wide.	33.25	94	51.00	118	58.10	174
Opening 8' 1"-9" wide.	34.25	98	52.25	124	59.85	180
Opening 8' 1"-10" wide.	35.25	101	53.50	130	61.60	186

Note. Sets include lag screws for attaching track brackets. If attachment is to be made to brick or concrete, expansion shields should be ordered extra. Direction sheet showing erection details furnished with hardware. If wicket entrance door is wanted, see page 20 for details and prices of hardware.

Discount

Directions for Ordering Complete Sets

State.—Designation of set and number of track. Width of opening. Thickness of doors. Distance doors lap on jams. Distance from jams to side walls. Always send sketch of floor plan with above dimensions.

Example Order of Complete Sets—1 Set "SlydaSyde" BB-1 for No. 31 track. Opening 8 feet wide. Doors 1 1/4 inches thick. Doors lap on jams 2 inches. 24 inches from jams to side walls on both sides.

Garage Door Hardware

SlydaSyde

Patented

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Fig. A-556—Illustration of interior of garage doorway equipped with single door "SlydaSyde" Hardware CC.

R-W No. 235

Right Angle Garage Door Hardware

Single Door Equipment "CC"

For Opening Adjacent to Side Wall, with Straight Track, and No. 235 Patented Corner Bracket

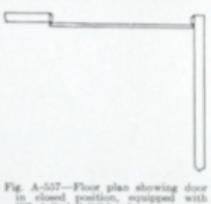


Fig. A-557—Floor plan showing door in closed position equipped with "SlydaSyde" CC hardware.

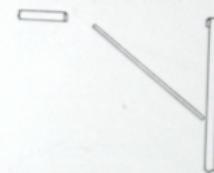


Fig. A-558—Floor plan showing position of door half closed, equipped with "SlydaSyde" CC hardware.

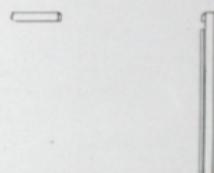


Fig. A-559—Floor plan showing position of door wide open, equipped with "SlydaSyde" CC hardware.

List Price of Equipments Complete with Track, Bolts and Screws Necessary to Erect

DESCRIPTION	With No. 31 track for doors weighing up to 300 lbs. each		With No. 232 track for doors weighing between 300-500 lbs. each		With No. 33 track for doors weighing between 500-800 lbs. each	
	List Price	Shipping Wgt., lbs.	List Price	Shipping Wgt., lbs.	List Price	Shipping Wgt., lbs.
Set CC-1, to lock door from inside only, including 1 R-W No. 524-1 Case Bolt (p. 37), with No. 31 track						
Opening up to 8' wide.	\$19.75	67				
Opening 8' 1" - 9' wide.	20.75	70				
Opening 9' 1" - 10' wide.	21.75	72				
Set CC-2, to lock door from inside only, including 1 R-W No. 524-2 Case Bolt (p. 37), with No. 32 or 33 track						
Opening up to 8' wide.	\$30.75	107	\$34.75	132		
Opening 8' 1" - 9' wide.	32.00	112	36.50	138		
Opening 9' 1" - 10' wide.	33.25	117	38.25	144		
Set CC-3, to lock door from inside only, including 1 R-W No. 516 Door Bolt (p. 38).						
Opening up to 8' wide.	20.25	67	31.25	107	\$36.25	132
Opening 8' 1" - 9' wide.	21.25	70	32.50	112	38.00	138
Opening 9' 1" - 10' wide.	22.25	73	33.75	117	39.75	144
Set CC-4, to lock door from outside only, including 1 R-W No. 525 Lock (p. 39).						
Opening up to 8' wide.	21.75	67	31.75	107	\$36.75	132
Opening 8' 1" - 9' wide.	22.75	70	33.00	112	38.50	138
Opening 9' 1" - 10' wide.	23.75	73	34.25	117	40.25	144

Note—Sets include lag screws for attaching track brackets. If attachment is to be made to brick or concrete, expansion shields should be ordered extra. Direction sheet showing erecting details furnished with hardware. If wicket entrance door is wanted, see page 20 for details and prices of hardware.

Discount.....

Directions for Ordering Complete Sets

State—Designation of set and number of track. Width of opening. Thickness of door. Distance door laps on jams. Always send sketch of floor plan with above dimensions inserted.

Example Order of Complete Sets—One Set, "SlydaSyde" CC-1 for No. 31 Track. Opening 8 feet wide. Door 1½ inches thick. Door laps on jams 2 inches.

Garage Door Hardware

"A Hanger for any Door that Slides"

SlydaSyde

Patented

R-W No. 235

Right Angle Garage Door Hardware

Double Door Equipment "DD"

For Opening Adjacent to Side Walls with Straight Track, and No. 235
Patented Corner Brackets



Fig. A-060—interior of garage doorway showing double doors equipped with "SlydaSyde" DD hardware.

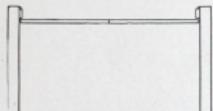


Fig. A-561—Floor plan showing doors in closed position equipped with "SlydaSyde" DD hardware.



Fig. A-562—Floor plan showing position of doors half closed, equipped with "SlydaSyde" DD hardware.



Fig. A-563—Floor plan showing position of doors wide open, equipped with "SlydaSyde" DD hardware.

List Price of Equipment Complete with Track, Bolts and Screws Necessary to Erect

DESCRIPTION	With No. 31 track for doors weighing up to 500 lbs. each		With No. 232 track for doors weighing up to 500 lbs. each		With No. 33 track for doors weighing between 500-800 lbs. each	
	List Price	Shipping Wt., Lbs.	List Price	Shipping Wt., Lbs.	List Price	Shipping Wt., Lbs.
Set DD-1, to lock doors from inside only, including 2 R-W No. 524-1 Cane Bolts, page 57, with No. 31 track.	\$29.00	77				
Opening up to 8' wide.	30.00	80				
Opening 8' 1"-9' wide.	31.00	82				
Set DD-2, to lock doors from inside only, including 2 R-W No. 524-2 Cane Bolts, page 57, with No. 232 or No. 33 track.			\$46.10	133	\$54.00	147
Opening up to 8' wide.			47.35	138	55.75	153
Opening 8' 1"-9' wide.			48.60	143	57.50	159
Set DD-3, to lock doors from inside only, including 2 R-W No. 516 Door Bolts, page 58.	31.25	78	48.10	132	56.00	146
Opening up to 8' wide.	32.25	81	49.35	137	57.75	152
Opening 8' 1"-9' wide.	33.25	84	50.60	142	59.50	158
Set DD-4, including 1 R-W No. 524-1 Bolt, page 57, with No. 31 track, to lock one door from inside, and 1 R-W No. 525 Lock, page 59, to lock one door from outside.	31.50	77				
Opening 8' 1"-9' wide.	32.50	80				
Opening 8' 1"-9' wide.	33.50	82				
Set DD-5, including 1 R-W No. 524-2 Bolt, page 57, with No. 232 or No. 33 track, to lock one door from inside and 1 R-W No. 525 Lock, page 59, to lock one door from outside.			48.60	133	56.50	146
Opening 9' 1"-10' wide.			49.85	138	58.25	152
Opening 8' 1"-9' wide.			51.10	143	59.50	158
Set DD-6, including 1 R-W No. 516 Door Bolt, page 58, to lock one door from the inside, and 1 R-W No. 523 Lock, page 59, to lock one door from the outside.	32.75	78	49.85	133	56.75	147
Opening up to 8' wide.	33.75	81	51.10	138	58.50	153
Opening 8' 1"-9' wide.	34.75	84	52.35	143	60.25	158

Notes—Sets include Lag Screws for attaching track brackets. If attachment is to be made to brick or concrete, expansion shields should be ordered extra. Direction sheet showing erecting details furnished with hardware.

If wicket entrance door is wanted, see page 20, for details and prices of hardware.

Discount

Directions for Ordering Complete Sets

State—Designation of set and number of track. Width of opening. Thickness of doors. Distance doors lap on jambs. Always send sketch of floor plan with above dimensions inserted.

Example Order of Complete Set—One set, "SlydaSyde" DD-1 for No. 31 track. Opening 8' wide. Doors 1 1/4 inches thick. Doors lap 2 inches on jambs.

Garage Door Hardware

R-W No. 235

Right Angle Garage Door Hardware

Single Door Equipment "EE"

With Curved Corner Track. Minimum Distance from Jamb to Side Wall 26 Inches—Hardware Suitable for Less Space Shown on Page 36

28

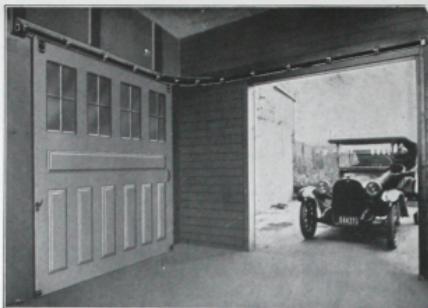


Fig. A-563—Interior of garage doorway showing single door equipment using "SlydaSyde" EE hardware.

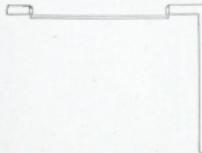


Fig. A-564—Floor plan showing door in closed position equipped with "SlydaSyde" EE hardware.

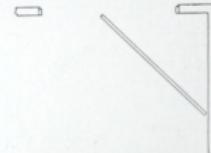


Fig. A-565—Floor plan showing position of door half closed, equipped with "SlydaSyde" EE hardware.



Fig. A-566—Floor plan showing position of door wide open, equipped with "SlydaSyde" EE hardware.

List Price of Equipments Complete with Track, Bolts and Screws Necessary to Erect

DESCRIPTION	With No. 31 track for doors weighing up to 300 lbs. each		With No. 32Z track for doors weighing between 300-500 lbs. each		With No. 33 track for doors weighing between 500-800 lbs. each	
	List Price	Shipping Wgt., lbs.	List Price	Shipping Wgt., lbs.	List Price	Shipping Wgt., lbs.
Set EE-1, to lock door from inside only, including 1 R-W No. 524-1 Cane Bolt (p. 57), with No. 31 track.	\$25.60	65	\$39.75	113	\$48.10	130
Opening up to 8' wide.	26.60	68	41.80	118	49.85	136
Opening 8' 1"-10' wide.	27.60	70	42.25	123	51.60	142
Set EE-2, to lock door from inside only, including 1 R-W No. 524-2 Cane Bolt (p. 57), with No. 32Z or No. 33 track.						
Opening up to 8' wide.						
Opening 8' 1"-10' wide.						
Set EE-3, to lock door from inside only, including 1 R-W No. 516 Door Bolt (p. 58).						
Opening up to 8' wide.	26.95	64	40.90	113	49.10	130
Opening 8' 1"-9' wide.	27.95	67	41.35	118	50.85	136
Opening 9' 1"-10' wide.	28.95	69	43.40	123	52.60	142
Set EE-4, to lock door from both inside and outside, including 1 R-W No. 525 Lock (p. 59).						
Opening up to 8' wide.	29.35	65	42.25	113	50.60	130
Opening 8' 1"-9' wide.	30.35	68	43.50	118	52.35	136
Opening 9' 1"-10' wide.	31.35	70	44.75	123	54.10	142

*When the No. 525 Lock is attached to the front edge of the door, it is advisable, though not necessary, to use the No. 635 Floor Guide, (listed p. 62), to hold the back edge of the door tight against the casing track brackets. If attachment is to be made to brick or concrete, expansion shields should be ordered extra.

Note—Sets include lag screws for attaching track brackets.

Direction sheet showing erecting details furnished with hardware.

If wicket entrance door is wanted, see p. 20 for details and prices of hardware.

Discount.....

Directions for Ordering Complete Sets

State—Designation of set and number of track. Width of opening. Thickness of doors. Distance between jamb and side wall. Distance door laps on jamb. Always send sketch of floor plan with above dimensions inserted.

Example Order of Complete Sets—One Set, "SlydaSyde" EE-3 for No. 31 Track. Opening 8 feet wide. Doors 1½ inches thick. 30 inches between jamb and side wall. Doors lap 2 inches on jamb.

"A Hanger for any Door that Slides"

SlydaSyde[®]

Patented

R-W No. 235

Right Angle Garage Door Hardware

Double Door Equipment "FF"

With Curved Corner Track. Minimum Distance from Jamb to Side Wall, 26 Inches—Hardware Suitable for Less Space Shown on Page 37



Fig. A-67—Interior of garage doorway showing double door equipment using "SlydaSyde" FF hardware.

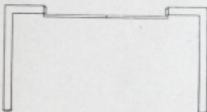


Fig. A-568—Floor plan showing doors in closed position equipped with "SlydaSyde" FF hardware.



Fig. A-569—Floor plan showing position of doors half closed, equipped with "SlydaSyde" FF hardware.

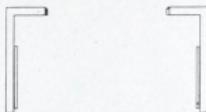


Fig. A-570—Floor plan showing position of doors wide open, equipped with "SlydaSyde" FF hardware.

List Price of Equipments Complete with Track, Bolts and Screws Necessary to Erect

DESCRIPTION	With No. 31 track for doors weighing up to 300 lbs. each		With No. 233 track for doors weighing between 300-500 lbs. each		With No. 33 track for doors weighing between 500-800 lbs. each	
	List Price	Shipping Wgt., lbs.	List Price	Shipping Wgt., lbs.	List Price	Shipping Wgt., lbs.
Set FF-1, to lock doors from inside only, including 2 R-W No. 524 Cane Bolts (p. 57).						
Opening up to 8' wide.	\$40.50	86	\$61.00	146	\$71.00	165
Opening 8' 1"-9' wide.	41.50	89	62.25	151	72.75	171
Opening 9' 1"-10' wide.	42.50	92	63.50	156	74.50	177
Set FF-2, including 1 R-W No. 524 Bolt, to lock one door from inside and outside.						
Opening up to 8' wide.	43.20	85	63.30	145	73.40	164
Opening 8' 1"-9' wide.	44.20	88	64.55	150	75.15	170
Opening 9' 1"-10' wide.	45.20	91	65.80	155	76.90	176
Set FF-3, including 1 R-W No. 524 Bolt, to lock one door from inside, and 1 R-W No. 525 Lock (p. 59), to lock one door from both inside and outside.						
Opening up to 8' wide.	41.80	87	63.60	146	73.70	165
Opening 8' 1"-9' wide.	42.80	90	64.85	151	75.45	170
Opening 9' 1"-10' wide.	43.80	93	66.10	156	77.20	177
Set FF-4, including 1 R-W No. 516 Door Bolt (p. 59), to lock one door from inside and 1 R-W No. 525 Lock (p. 58), to lock one door from both inside and outside.						
Opening up to 8' wide.	44.60	87	64.70	146	74.80	165
Opening 8' 1"-9' wide.	45.60	90	65.95	155	76.55	171
Opening 9' 1"-10' wide.	46.60	93	67.20	156	78.30	176

*When the No. 525 Lock is attached to the front edge of the door it is advisable, though not necessary, to use the No. 635 Floor Guide to hold the back edge of the door tight against the casing. If the floor guides are used on both sides of the opening the No. 524 and No. 516 Bolts can be omitted. Deduct the detailed list price of the omitted bolts from the price of the set, and add the price of the No. 635 Floor Guide Equipment (listed on page 62).

Note—Sets include lag screws for attaching track brackets. If attachment is to be made to brick or concrete, expansion shields should be ordered extra. Direction sheet showing erecting details furnished with hardware.

If wicket entrance door is wanted, see page 29 for details and prices of hardware.

Discount.....

Directions for Ordering Complete Sets

State—Designation of set and number of track. Width of opening. Thickness of doors. Distance between jamb and side walls on each side. Distances doors lap on jamb. Always send sketch of floor plan with above dimensions inserted.

Example Order of Complete Sets—One Set, "SlydaSyde" FF-3 for No. 31 Track. Opening 8 feet wide. Doors 1 1/4 inches thick. Distance between jamb and side wall, 30 inches on right side; 28 inches on left side. Doors lap 2 inches on jamb.

Garage Door Hardware

SlydaSyde

Patented

R-W No. 235 Right Angle Garage Door Hardware

Equipment "GG" for Two Doors Hinged Together

With Curved Corner Track. Minimum Distance from Jamb to Side Wall, 26 Inches—Hardware Suitable for Less Space Shown on Page 38

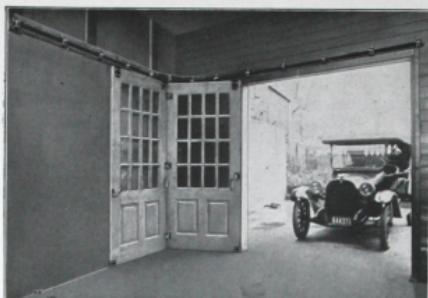


Fig. A-571—Interior of garage doorway showing two doors hinged together equipped with "SlydaSyde" GG hardware.

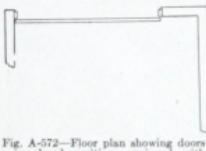


Fig. A-572—Floor plan showing doors in closed position, equipped with "SlydaSyde" GG hardware.

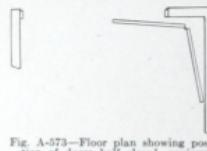


Fig. A-573—Floor plan showing position of doors half closed, equipped with "SlydaSyde" GG hardware.

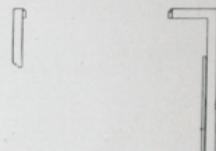


Fig. A-574—Floor plan showing position of doors wide open, equipped with "SlydaSyde" GG hardware.

List Price of Equipments Complete with Track, Bolts and Screws Necessary to Erect

DESCRIPTION	With No. 31 track for doors weighing up to 300 lbs. each		With No. 232 track for doors weighing between 300-500 lbs. each		With No. 33 track for doors weighing between 500-800 lbs. each	
	List Price	Shipping Wgt., lbs.	List Price	Shipping Wgt., lbs.	List Price	Shipping Wgt., lbs.
Set GG-1, to lock doors from inside only, including 1 R-W No. 524-1 Cane Bolt (p. 57), with No. 31 track.						
Opening up to 8' wide.	\$31.00	78				
Opening 8' 1"-10' wide.	32.00	81				
Opening 9' 1"-10' wide.	33.00	84				
Set GG-2, to lock doors from inside only, including 1 R-W No. 524-2 Cane Bolt (p. 57), with No. 232 or No. 33 track.						
Opening up to 8' wide.			\$46.10	128	\$55.00	147
Opening 8' 1"-10' wide.			47.35	134	56.71	155
Opening 9' 1"-10' wide.			48.60	140	58.50	159
Set GG-3, to lock doors from inside only, including 1 R-W No. 516 Door Bolt (p. 58).						
Opening up to 8' wide.	32.20	78	47.20	128	56.10	147
Opening 8' 1"-10' wide.	33.20	81	48.45	134	57.85	155
Opening 9' 1"-10' wide.	34.20	84	49.70	140	59.60	159
Set GG-4, to lock doors from both inside and outside, including 3 R-W No. 525 Lock (p. 59).						
Opening up to 8' wide.	33.60	78	48.60	128	57.50	147
Opening 8' 1"-9' wide.	34.60	81	49.85	134	59.25	155
Opening 9' 1"-10' wide.	35.60	84	51.10	140	61.00	159

*When the No. 525 Lock is attached to the front edge of the door, it is advisable, though not necessary, to use the No. 635 Floor Guide, (listed p. 62) to hold the back edge of the door tight against the casing.

Note—Sets include lag screws for attaching track brackets. If attachment is to be made to brick or concrete, expansion shields should be ordered extra. Direction sheet showing erecting details furnished with hardware.

If wicket entrance door is wanted, see page 20 for details and prices of hardware.

Discount.....

Directions for Ordering Complete Sets

State—Designation of set and number of track. Width of opening. Thickness of doors. Distance between jamb and side wall. Distance door laps on jamb. Always send sketch of floor plan with above dimensions inserted.

Example Order of Complete Sets—One set, "SlydaSyde" GG-3 for No. 31 track. Opening 10 feet wide. Doors 1½ inches thick. Distance between jamb and side wall 32 inches. Door laps on jamb 2 inches.

"A Hanger for any Door that Slides"

SlydaSyde[®]

Patented

R-W No. 235

Right Angle Garage Door Hardware

Equipment "HH" for Two Pairs of Doors Hinged Together with Curved Track

For Two Pairs of Doors Hinged Together, Opening in Opposite Directions, with Curved Corners. Minimum Distance from Jamb to Side Wall, 26 Inches—Hardware Suitable for Less Space
Shown on Page 39

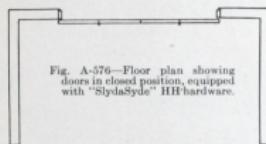


Fig. A-576—Floor plan showing doors in closed position, equipped with "SlydaSyde" HH hardware.



Fig. A-577—Floor plan showing position of doors half closed, equipped with "SlydaSyde" HH hardware.



Fig. A-578—Floor plan showing position of doors wide open, equipped with "SlydaSyde" HH hardware.



Fig. A-575—Interior of garage doorway showing two pairs of doors hinged together, equipped with "SlydaSyde" HH hardware.

List Price of Equipments Complete with Track, Bolts and Screws Necessary to Erect

DESCRIPTION	With No. 31 track for doors weighing up to 500 lbs. each		With No. 232 track for doors weighing between 500 and 1000 lbs. each		With No. 33 track for doors weighing between 1000 and 1500 lbs. each	
	List Price	Shipping Wgt., lbs.	List Price	Shipping Wgt., lbs.	List Price	Shipping Wgt., lbs.
Set HH-1, to lock doors from inside only, including 2 R-W No. 524 Cane Bolts (p. 57).	\$50.90	183	\$73.50	169	\$84.60	190
Opening up to 8' wide.	51.90	106	74.75	174	86.35	196
Opening 8' 1" - 10' wide.	52.90	109	76.00	179	88.10	202
Set HH-2, to lock doors from inside only, including 2 R-W No. 516 Door Bolts (p. 58).	53.60	104	75.70	169	86.80	189
Opening up to 8' wide.	54.60	107	76.95	174	88.55	195
Opening 8' 1" - 10' wide.	55.60	110	78.20	179	90.30	201
Set HH-3, including 1 R-W No. 524 Bolt (p. 57), to lock one door from inside, and 1 R-W No. 525 Lock (p. 59), to lock one door from both inside and outside.	53.90	104	76.00	169	87.10	190
Opening up to 8' wide.	54.90	107	77.25	174	88.85	196
Opening up to 8' wide.	55.90	110	78.50	179	90.60	202
Set HH-4, including 1 R-W No. 516 Door Bolt (p. 58), to lock one door from the inside, and 1 R-W No. 525 Lock (p. 59), to lock one door from both inside and outside.	55.00	104	77.10	169	88.20	190
Opening up to 8' wide.	56.00	107	78.35	174	89.95	196
Opening 8' 1" - 9' wide.	57.00	110	79.60	179	91.70	202

*When the No. 525 Lock is attached to the front edge of the door, it is advisable, though not necessary, to use the No. 635 Floor Guide to hold the back edge of the door tight against the jamb. If the floor guides are used on both sides of the opening, the No. 524 and No. 516 Bolts can be omitted. Deduct the detailed list price of the omitted bolts from the price of the set, and add the price of the No. 635 Floor Guide Equipment, (listed on page 62).

Notes—Sets include lag screws for attaching track brackets. If attachment is to be made to brick or concrete, expansion shields should be ordered extra.

Direction sheet showing erecting details furnished with hardware.

If wicket entrance door is wanted, see page 20 for details and prices of hardware.

Discount

Directions for Ordering Complete Sets

State—Designation of set and number of track. Width of opening. Thickness of doors. Distance between jambs and side walls on each side. Distance doors lap on jambs. Always send sketch of floor plan with above dimensions inserted.

Example Order of Complete Sets—One Set, "SlydaSyde" HH-4, for No. 33 Track—Opening 10 feet wide. Doors 2½ inches thick. Distance between jamb and side wall, 30 inches on right side; 32 inches on left side. Doors lap on jambs, 2 inches.

Garage Door Hardware

SlydaSyde[®]

Patented

Right Angle
Garage Door Hardware

R-W No. 235

32

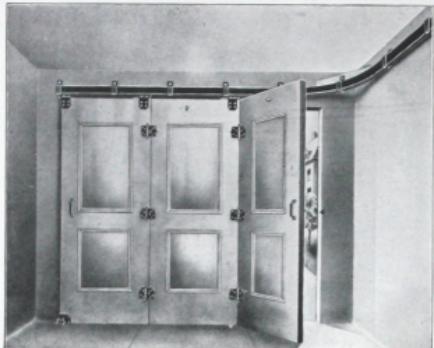


Figure A-579—Interior of garage doorway showing three doors equipped with "SlydaSyde" "II" hardware.



Fig. A-579A—Floor plan showing doors in closed position, equipped with "SlydaSyde" II Hardware.



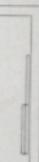
Fig. A-580—Floor plan showing position of doors closed, equipped with "SlydaSyde" II Hardware.

Equipment "II" for Three Doors Hinged Together
and Curved Trolley Track

For three doors hinged together. The door nearest the side of the building toward which the doors slide in opening, is used as passage door. The doors may be mounted to slide to the right as shown in the illustration or to slide to the left. Hardware is reversible. This hardware can be used in any opening regardless of the distance from the jamb to the side wall, but only sufficient straight track is included in the price of the complete set for a distance from jamb to side wall not exceeding two feet. The radius of the curved track is 24 inches.



Fig. A-581—Floor plan showing position of doors wide open, equipped with "SlydaSyde" II Hardware.



List Price of Equipment Complete with Track, Bolts and Screws Necessary to Erect

DESCRIPTION	With No. 31 track for doors weighing up to 300 lbs. each		With No. 232 track for doors weighing between 300-500 lbs. each		With No. 33 track for doors weighing between 500-800 lbs. each	
	List Price	Shipping Wt., lbs.	List Price	Shipping Wt., lbs.	List Price	Shipping Wt., lbs.
Set II-1, with No. 835 Locking Bolts: Opening up to 8' wide...	\$27.00	60	\$38.00	94	\$44.00	122
Opening 9' 1" - 10' wide...	28.00	64	39.50	101	45.50	131
Set II-2, to lock doors with No. 525 Lock from outside only: Opening up to 8' wide...	29.50	68	41.50	119	47.50	141
Opening 9' 1" - 10' wide...	30.00	62	41.00	96	47.00	124
Opening 9' 1" - 10' wide...	31.00	66	42.50	103	48.50	133
	32.50	70	43.50	121	50.50	143

Note—Sets include lag screws for attaching track brackets. If attachment is to be made to brick or concrete, expansion shields should be ordered extra. Direction sheet showing erection details furnished with the hardware.

Discount

Directions for Ordering Complete Sets

State—Designation of set and number of track. Width of opening. Thickness of doors. Distance between jambs and side wall toward which the doors slide in opening. Always send sketch of floor plan with above dimensions inserted.

Example Order of Complete Sets—One Set, "SlydaSyde" II-1 for No. 31 track. Opening 8 feet wide. Doors 1½ inches thick. Distance between the jamb and side wall to card which doors slide in opening, 16 inches.

Garage Door Hardware

“A Hanger for any Door that Slides”



Patented

R-W No. 635

33

Garage Door Hardware

for

Single Doors, Double Doors, Two Doors Hinged Together

and for

Two Pairs of Doors Hinged Together

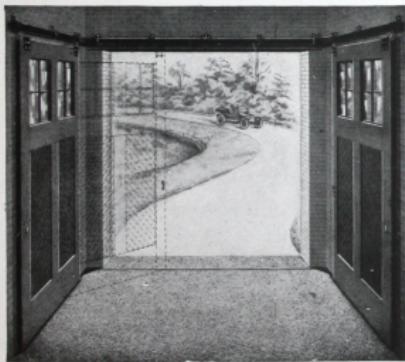


Fig. A-582—Interior view, doorway equipped with “CornR-Wise” hardware for double doors.



Fig. A-583—Interior view showing doorway with two doors hinged together, equipped with “CornR-Wise” hardware.

THE No. 635 hardware set corresponds in general respects with the No. 235 “SlydaSyde” shown on the preceding pages, the door arrangement and movement being practically the same. The doors when open stand along the side wall at right angles to the opening, inside the building, and require a negligible amount of space for their operation in swinging around the corner.

The particular feature which distinguishes the No. 635 hardware, is the exceptionally narrow space between the jamb and the side wall in which the hardware can be installed, due to the No. 635 short radius corner bracket, and the Ball-Bearing Hangers, especially designed to operate in a short radius curve with a negligible amount of friction. Six inches or more of space between back edge of closed door and side wall, provides for free movement of the door.

Installations of this No. 635 Hardware may be made with one or more doors in an opening of any width, the only limitation to the width of the opening being to the corresponding side-wall space against which the doors must stand in open position.

Hardware listed in the following lists, cover openings with single doors sliding to one side; double doors, one of which slides to each side; two doors hinged together sliding to one side; and two pairs of doors hinged together, one pair of which slide to each side.

Garage Door Hardware

Richards-Wilcox Mfg. Co. Aurora, Illinois



Garage Door Hardware R-W No. 635

34



Four-Wheel Offset Hinged
Pendant Hangers
No. 635-1 for No. 31 track
No. 635-8 for No. 232 track
No. 635-4 for No. 33 track



Flush Drop Handle
No. 170



Center Bracket
No. 635-1 x 31
No. 635-1 x 232
No. 635-1 x 33



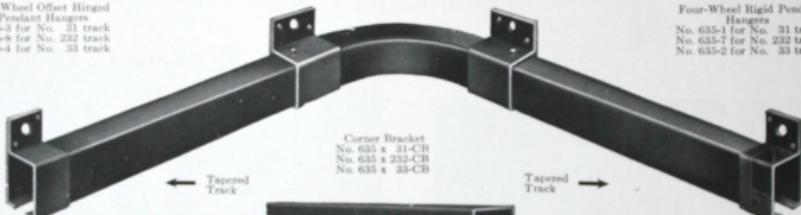
Center Stop
Bracket
No. 635-12x 31
No. 635-12x232
No. 635-12x 33



End Bracket
No. 635-2 x 31
No. 635-2 x 232
No. 635-2 x 33



Four-Wheel Rigid Pendant
Hangers
No. 635-1 for No. 31 track
No. 635-2 for No. 232 track
No. 635-2 for No. 33 track



← Tapered Track

→ Tapered Track

Corner Bracket
No. 635 x 31-CB
No. 635 x 232-CB
No. 635 x 33-CB



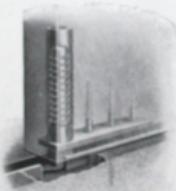
Straight Track
No. 635 x 31
No. 635 x 232
No. 635 x 33



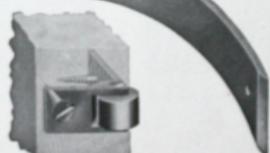
Floor End Stop No. 272
Bumper Shoe, No. 435-72



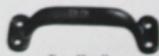
Center Floor Guide No. 271
Bumper Shoe, No. 435-72



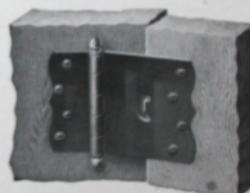
No. 635 F. G. Floor Guide and Floor Guide Track



No. 635 Corner Guide Roller
No. 635 Corner Guide Strip



Bow Handle
No. 81-1



Surface Hinge
No. 635

Garage Door Hardware

"A Hanger for any Door that Slides"



Garage Door Hardware

R-W No. 635



Fig. A-584—Two car garage, equipped with "CornRwise" door hardware.

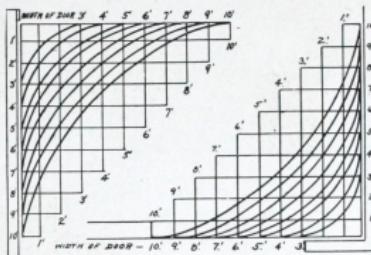


Fig. A-585
Diagram Showing Clearance Curves—Using
No. 635 Hangers

Hanger Dimensions

Hanger No.	For Track No.	Diameter Wheels, Inches	Bearings in Hanger	Pendant	Headroom Above Top of Door (Not Opening)	
					Doors in Pairs	Single Door
635-1	31	2 1/8	Ball	Rigid	6 5/8" to 7 1/8"	6 5/8" to 7 1/8"
635-3	31	2 1/8	Ball	Hinged	6 5/8" to 9 1/8"	6 5/8" to 9 1/8"
635-7	232	3	Ball	Rigid	7 5/8" to 9 1/8"	7 5/8" to 9 1/8"
635-8	232	3	Ball	Hinged	7 5/8" to 9 1/8"	7 5/8" to 9 1/8"
635-2	33	3	Ball	Rigid	8 1/8" to 9 1/8"	8" to 9 1/8"
635-4	33	3	Ball	Hinged	8 1/8" to 9 1/8"	8" to 9 1/8"

Detail of Hardware and List Price of Parts

DESCRIPTION	With No. 31 Track for Doors weighing up to 300 lbs. each			With No. 32 Track for Doors weighing between 300-500 lbs. each			With No. 33 Track for Doors weighing between 500-800 lbs. each		
	Number	Price	Shipping Wgt., lbs.	Number	Price	Shipping Wgt., lbs.	Number	Price	Shipping Wgt., lbs.
Hangers, rigid, each.....	635-1	\$4.00	4 1/4	635-7	\$5.00	9 1/4	635-2	\$6.00	10 1/2
Hangers, hinged, pendant, each.....	635-3	4.00	5	635-8	5.00	10 1/2	635-4	6.00	10 1/2
Support Brackets, per pair.....	635-5	1.20	2	635-6	.50	1	635-10	1.00	1
Floor End Stop, each.....	272	.72	2	272	.72	2	272	.72	2
Bumper Shoes, each.....	435-72	.12	5 oz.	435-72	.12	5 oz.	435-72	.12	5 oz.
Guide Rollers, each.....	635	.50	1/4	635	.50	1/4	635	.50	1/4
Center Guide Track, each.....	635	.50	1/4	635	.40	1/4	635	.40	1/4
Center Floor Guide Track.....	271	.96	2 1/2	271	.96	2 1/2	271	.96	2 1/2
Center Brackets, each.....	635-1x31	.32	1	635-1x232	.68	2	635-1x33	.88	2 1/2
Bow Handles, each.....	81-1	.20	1/2	81-1	.20	1/2	81-1	.20	1/2
Flange Handles, each.....	170	.36	1/2	170	.36	1/2	170	.36	1/2
End Brackets, each.....	635-2x31	.32	1	635-2x232	.68	.08	635-2x33	.88	.08
Corner Brackets, with 1/8 inch of tapered track at each end, complete.....	635-31-CB	3.50	10	635x23-CB	5.00	17 4	635x23-CB	5.00	20
Corner Stop, each.....	635-12x31	1.00	2 1/2	635-12x232	1.60	4 1/4	635-12x33	2.00	5 1/2
Straight Track, per foot.....	635x31	.38	1 6	635x232	.68	2 8	635x33	.88	3 3
Floor Guide Track, per foot.....	635-TK	.12	1 1/2	635-TK	.12	1 1/2	635-TK	.12	1 1/2
Floor Guide Track Curve, each.....	635-FG	.60	1	635-FG	.60	1	635-FG	.60	1
Floor Guide, each.....	635-FG	.80	1/4	635-FG	.80	1/4	635-FG	.80	1/4

Discount.....

Garage Door Hardware



Garage Door Hardware for Single Door

36

R-W No. 635

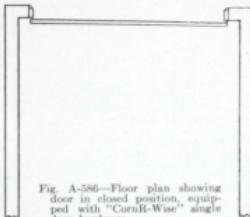


Fig. A-586—Floor plan showing door in open position, equipped with "CornR-Wise" single door hardware.

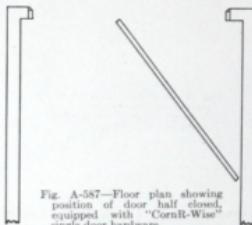


Fig. A-587—Floor plan showing door half closed, equipped with "CornR-Wise" single door hardware.

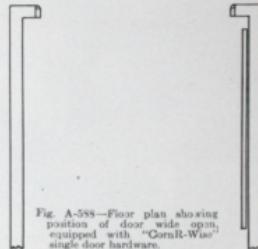


Fig. A-588—Floor plan showing position of door wide open, equipped with "CornR-Wise" single door hardware.

List Price of Equipments Complete with Track, Bolts and Screws Necessary to Erect

DESCRIPTION	With No. 31 track for doors weighing up to 300 lbs. each		With No. 32 track for doors weighing between 300-500 lbs. each		With No. 33 track for doors weighing between 500-800 lbs. each	
	List Price	Shipping Wgt., lbs.	List Price	Shipping Wgt., lbs.	List Price	Shipping Wgt., lbs.
Set to lock door from inside only, including 1 R-W No. 524 Cane Bolt (p. 57).	\$24.00	72	\$38.30	118	\$46.55	131
Opening up to 8' wide	24.75	74	39.65	121	49.30	134
Opening 9' 0" wide	25.50	76	41.00	124	51.80	138
Set to lock door from inside only, including 1 R-W No. 516 Door Bolt (p. 58).						
Opening up to 8' wide	25.50	72	39.50	118	47.75	131
Opening 9' 0" wide	26.25	74	40.85	121	50.50	134
Opening 9' 1" 10" wide	27.00	76	42.20	124	53.00	138
*Set to lock door from both inside and outside, including 1 R-W No. 525 Lock (p. 59).						
Opening 8' 1" 9" wide	26.85	72	40.85	119	49.10	132
Opening 9' 1" 9" wide	27.60	75	42.20	122	51.85	135
Opening 9' 1" 10" wide	28.35	77	43.55	125	54.35	139

*When the No. 525 Lock is attached to the front edge of the door, it is advisable, though not necessary, to use the No. 635 Floor Guide, (listed p. 62), to hold the back edge of the door tight against the casing. Floor Guide and Floor Guide Track not included in above prices.

Note—Sets include lag screws for attaching track brackets. If attachment is to be made to brick or concrete, expansion shields should be ordered extra. Direction sheet showing erection details furnished with hardware.

If wicket entrance door is wanted, see page 20 for details and prices of hardware.

Discount.....

Directions for Ordering Complete Sets

State—Designation of set and kind of track and locking bolts wanted. Width of opening. Distance between jamb and side wall. Thickness of doors. Distance door laps on jamb. Always send sketch of floor plan with above dimensions inserted.

Example Order of Complete Set—One Set, "CornR-Wise" No. 635 Single Door Equipment for No. 31 Track, with No. 524-1 Bolt. Opening 9 feet wide. 12 inches between jamb and side wall. Door 1½ inches thick. Door laps on jamb 2 inches.

"A Hanger for any Door that Slides"



Garage Door Hardware for Double Doors

R-W No. 635

37

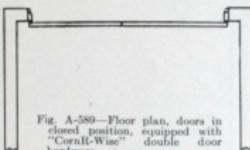


Fig. A-589—Floor plan, doors in closed position, equipped with "CornR-Wise" double door hardware.

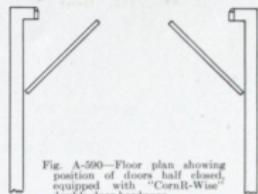


Fig. A-590—Floor plan showing position of doors half closed, equipped with "CornR-Wise" double door hardware.

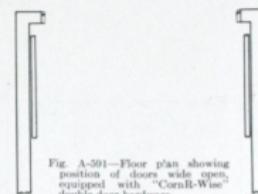


Fig. A-591—Floor plan showing position of doors wide open, equipped with "CornR-Wise" double door hardware.

List Price of Equipments Complete with Track, Bolts and Screws Necessary to Erect

DESCRIPTION	With No. 31 track for doors weighing up to 300 lbs. each			With No. 32 track for doors weighing between 300-500 lbs. each			With No. 33 track for doors weighing between 500-800 lbs. each		
	List Price	Shipping Wgt., lbs.	List Price	Shipping Wgt., lbs.	List Price	Shipping Wgt., lbs.	List Price	Shipping Wgt., lbs.	List Price
Set to lock doors from inside only, including 2 R-W No. 524 Cane Bolts (see p. 37). Opening up to 8' wide Opening 8' 1"-9' wide Opening 9' 1"-10' wide	\$43.00 43.75 44.50	101 103 105	\$60.75 62.10 63.45	164 167 170	\$71.50 73.15 74.90	180 183 186			
Set to lock doors from outside only, including 2 R-W No. 516 Door Bolts (see p. 58). Opening up to 8' wide Opening 8' 1"-9' wide Opening 9' 1"-10' wide	47.00 47.75 48.50	101 103 105	63.15 64.50 65.85	164 167 170	73.90 75.65 77.40	180 183 186			
*Set including 1 R-W No. 524 Bolt (see p. 57), to lock one door from inside, and 1 R-W. No. 525 Lock (see p. 59), to lock one door both inside and outside. Opening up to 8' wide Opening 8' 1"-9' wide Opening 9' 1"-10' wide	45.85 46.60 47.35	102 104 106	63.30 64.65 66.00	165 168 171	74.05 75.80 77.55	181 184 187			
*Set including 1 R-W No. 516 Door Bolt (see p. 58), to lock one door from the inside, and 1 R-W. No. 525 lock (see p. 59), to lock one door from both inside and outside. Opening up to 8' wide Opening 8' 1"-9' wide Opening 9' 1"-10' wide	47.35 48.10 48.85	102 104 106	64.50 65.85 67.20	165 168 171	75.25 77.00 78.75	181 184 187			
*Set including 1 R-W No. 525 Lock (see p. 59), to lock doors from both inside and outside. Opening up to 8' wide Opening 8' 1"-9' wide Opening 9' 1"-10' wide	45.00 45.75 46.50	99 101 103	62.10 63.45 64.80	162 165 168	72.85 74.60 76.35	178 181 184			

*When the No. 525 Lock is attached to the front edge of the door it is advisable, though not necessary, to use the No. 635 Floor Guide, (p. 62), to hold the back edge of the door tight against the casing. Floor Guide and Floor Guide Track are not included in above list prices.

Note—Sets include lag screws for attaching track brackets. If attachment is to be made to brick or concrete, expansion shields should be ordered extra.

Direction sheet showing erecting details furnished with hardware.

If wicket entrance door is wanted, see page 20 for details and prices of hardware.

Discount . . .

Directions for Ordering Complete Sets

State—Designation of set and kind of track. Width of opening. Distance between jambs and side walls. Thickness of doors. Distance doors lap on jambs. Always send sketch of floor plan with above dimensions inserted.

Example Order of "CornR-Wise" Complete Sets—1 Set "CornR-Wise" No. 635 Double Door Equipment for No. 31 track with No. 524-1 Bolt. Opening 9 feet wide. 12 inches between jambs and side walls. Doors 1 1/4 inches thick. Doors lap on jambs 2 inches.

Garage Door Hardware



Garage Door Hardware for Two Doors Hinged Together and Sliding to One Side

R-W. No. 635

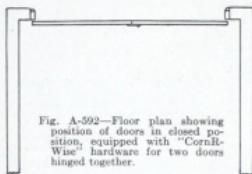


Fig. A-592—Floor plan showing position of doors in closed position, equipped with "CornR-Wise" hardware for two doors hinged together.

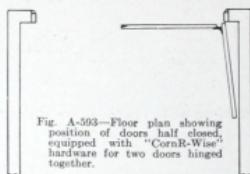


Fig. A-593—Floor plan showing position of doors half closed, equipped with "CornR-Wise" hardware for two doors hinged together.



Fig. A-594—Floor plan showing position of doors wide open, equipped with "CornR-Wise" hardware for two doors hinged together.



List Price of Equipments Complete with Track, Bolts and Screws Necessary to Erect

DESCRIPTION	With No. 31 track for doors weighing up to 300 lbs. each		With No. 232 track for doors weighing between 300-500 lbs. each		With No. 33 track for doors weighing between 500-800 lbs. each	
	List Price	Shipping Wgt., lbs.	List Price	Shipping Wgt., lbs.	List Price	Shipping Wgt., lbs.
Set to lock doors from inside only, including 1 R-W No. 524-1 Cane Bolt (see p. 57), with No. 31 track.						
Opening up to 8' wide.	\$33.75	83				
Opening 8' 1"-9' wide.	34.50	83				
Opening 9' 1"-10' wide.	35.25	87				
Set to lock doors from inside only, including 1 R-W No. 524-2 Cane Bolt (see p. 57), with No. 232 or No. 33 track.						
Opening up to 8' wide.			\$47.60	134	\$57.20	147
Opening 8' 1"-9' wide.			49.00	137	58.00	150
Opening 9' 1"-10' wide.			50.35	140	59.75	153
Set to lock doors from inside only, including 1 R-W No. 516 Door Bolt (see p. 58).						
Opening up to 8' wide.	35.25	83	48.80	134	58.40	147
Opening 8' 1"-9' wide.	36.00	85	50.15	137	60.15	150
Opening 9' 1"-10' wide.	36.75	87	51.50	140	61.90	153
*Set to lock doors from inside or outside, including 1 R-W No. 525 Lock (see p. 59).						
Opening up to 8' wide.	36.60	84	50.15	135	59.75	148
Opening 8' 1"-9' wide.	37.35	86	51.50	138	61.50	151
Opening 9' 1"-10' wide.	38.10	88	52.85	141	63.25	154

*When the No. 525 Lock is attached to the front edge of the door, it is advisable, though not necessary, to use the No. 635 Floor Guide, (listed p. 62), to hold the buck edge of the door tight against the casing. Floor Guide and Floor Guide Track are not included in above list prices.

Note—Sets include lag screws for attaching track brackets. If attachment is to be made to brick or concrete, expansion shields should be ordered extra.

Direction sheet showing erecting details furnished with hardware.

If wicket entrance door is wanted, see page 20 for details and prices of hardware.

Discount

Directions for Ordering Complete Sets

State—Designation of set and number of track. Width of opening. Thickness of doors. Distance between jamb and side wall. Distance door laps on jamb. Always send sketch of floor plan with above dimensions inserted.

Example Order of Complete Sets—One Set, "CornR-Wise" No. 635 Equipment for Two Doors Hinged Together and Sliding to One Side Including No. 31 Track, with No. 524-1 Bolts. Opening 9 feet wide, 12 inches between jamb and side wall. Doors 1½ inches thick. Doors lap on jamb 2 inches.

"A Hanger for any Door that Slides"



Garage Door Hardware for Two Pairs of Doors Hinged Together

R-W No. 635

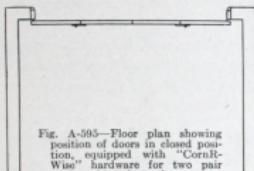


Fig. A-595—Floor plan showing position of doors in closed position, equipped with "CornR-Wise" hardware for two pair of doors hinged together.

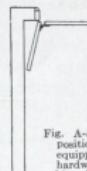


Fig. A-596—Floor plan showing position of doors half closed, equipped with "CornR-Wise" hardware for two pair of doors hinged together.



Fig. A-597—Floor plan showing position of doors wide open, equipped with "CornR-Wise" hardware for two pair of doors hinged together.

List Price of Equipments Complete with Track, Bolts and Screws Necessary to Erect

DESCRIPTION	With No. 31 track for doors weighing up to 300 lbs. each		With No. 232 track for doors weighing between 300-500 lbs. each		With No. 33 track for doors weighing between 500-800 lbs. each	
	List Price	Shipping Wgt., lbs.	List Price	Shipping Wgt., lbs.	List Price	Shipping Wgt., lbs.
Set to lock doors from inside only, including 2 R-W No. 524-1 Cane Bolts, (p. 57), with No. 31 track.						
Opening up to 8' wide	\$58.40	124				
Opening 8' 1" to 9' wide	59.15	127				
Opening 9' to 10' wide	59.90	130				
Set to lock doors from inside only, including 2 R-W No. 524-2 Cane Bolts, (p. 57), with No. 232 or No. 33 track.						
Opening up to 8' wide			\$78.35	194	\$90.75	210
Opening 8' 1" to 9' wide			79.70	197	92.50	213
Opening 9' to 10' wide			81.05	200	94.25	216
Set to lock doors from inside only, including 2 R-W No. 516 Door Bolts, (p. 58).						
Opening up to 8' wide	61.40	124	80.75	194	93.15	210
Opening 8' 1" to 9' wide	62.15	127	82.10	197	94.90	213
Opening 9' to 10' wide	62.90	130	83.45	200	96.65	216
Set to lock doors from inside only, including 1 R-W No. 524-1 Bolt, (p. 57), with No. 31 track, to lock one door from the inside, and 1 R-W No. 525 Lock, (p. 59), to lock one door from the inside or outside.						
Opening up to 8' wide	61.25	125				
Opening 8' 1" to 9' wide	62.00	128				
Opening 9' to 10' wide	62.75	131				
*Set including 1 R-W No. 516 Door Bolt, (p. 57), with No. 232 or No. 33 track, to lock one door from the inside, and 1 R-W No. 525 Lock, (p. 59), to lock one door from both inside or outside.						
Opening up to 8' wide			80.90	195	93.30	211
Opening 8' 1" to 9' wide			82.25	198	93.65	214
Opening 9' to 10' wide			83.60	201	96.80	217
*Set including 1 R-W No. 516 Door Bolt, (p. 58), to lock one door from the inside, and 1 R-W No. 525 Lock, (p. 59), to lock one door from both inside or outside.						
Opening up to 8' wide	62.75	124	82.10	194	94.50	210
Opening 8' 1" to 9' wide	63.50	127	83.45	197	96.25	213
Opening 9' to 10' wide	64.25	130	84.80	200	98.00	216
*Set including 1 R-W No. 525 Lock, (p. 59), to lock door from inside or outside.						
Opening up to 8' wide	60.35	121	79.70	191	92.10	207
Opening 8' 1" to 9' wide	61.10	124	81.05	194	93.85	209
Opening 9' to 10' wide	61.85	127	82.40	197	95.60	212

*When the No. 525 Lock is attached to the front edge of the door, it is advisable, though not necessary, to use the No. 635 Floor Guide, (listed p. 62), to hold the back edge of the door tight against the casing. Floor Guide and Floor Guide Track are not included in above list prices.

Note.—Sets include lag screws for attaching track brackets. Attachment is to be made to brick or concrete, expansion shields should be ordered extra.

Direction sheet showing erecting details furnished with hardware.

If wicket entrance door is wanted, see page 20 for details and prices of hardware.

Discount

Directions for Ordering Complete Sets

State—Designation of set and kind of track. Width of opening. Thickness of doors. Distance between jambs and side walls on each side. Distance doors lap on jambs. Always send sketch of floor plan with above dimensions inserted.

Example Order of Complete Sets—One Set, "CornR-Wise" No. 635 Double pair of Doors equipment for No. 31 Track, with No. 524-1 Bolts. Opening 10 feet wide. Doors 2 1/4 inches thick. Distance between jamb and side wall 12 inches on right side, 14 inches on left. Doors lap on jamb 2 inches.

Garage Door Hardware

ROUND
RUNNER

R-W No. 835

40

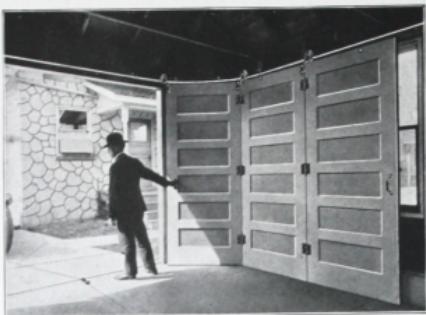


Fig. A-598 - Single car garage doorway having three-door "Round-Runner" equipment - doors in open position.

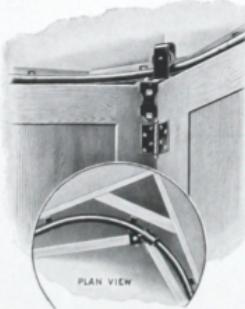


Fig. A-599 - Detailed illustration of hanger, track and surface hinge.

Hardware made of steel, except hanger wheel which is grey iron. Hanger wheel is $2\frac{1}{2}$ inches in diameter. Apron $2\frac{1}{4}$ in. wide by 5 in. long.

Fig. A-600 - Single car garage doorway having three-door "Round-Runner" equipment - entrance door open.



Garage Door Hardware

Garage Door Hardware

This hardware is intended for light doors from $1\frac{3}{4}$ inches to $2\frac{1}{4}$ inches thick, and not more than 40 inches wide, that run around the corner inside the garage and stand out of the way against the side wall when the doors are open. Provides for entrance door without additional doorway. One set of fixtures is sufficient for handling a 3-door outfit as in illustrations. If larger opening is required, 6 doors may be used in one opening by installing two sets of fixtures.

Three-Door Outfit for Eight-Foot Opening
Packed in One Box

All hardware required to completely equip three doors, including track, packed in a strong wooden box, as follows:

- 3 No. 835 Hangers.
- 1 No. 835 Track Curve.
- 8 Pcs. No. 835 Track, each 24 inches long, with Brackets.
- 3 Pair Hinges.
- 2 No. 835 Stay Rollers.
- 1 No. 272 End Floor Stop.
- 2 No. 71-2 Bow Handles.
- 1 No. 835 Door Bolt.
- 2 No. 435-72 Bumper Shoes.
- 1 No. 119 Door Holder.
- 1 Package Bolts and Screws.

Erecting Instructions Packed with Hardware

Set for three-door 10-foot opening contains 10 pieces of No. 835 Track, each 24 inches long, otherwise is identical with set for 8-foot opening.

List Price

Hardware for 3-door, 8-foot opening, per set	\$15.00
Weight, per set	55 pounds
Hardware for 3-door, 10-foot opening, per set	\$16.00
Weight, per set	60 pounds

Note—For six-door entrance, use two three-door sets. For four-door entrance, use one three-door set, and $1\frac{1}{2}$ pair Butt Hinges, extra.

"A Hanger for any Door that Slides"

R-W

Straight Sliding Door Hardware

For Single and Double Sliding Doors on One Track. To Be Installed Inside or Outside the Building. For Doors Weighing Up to 1,000 Pounds. Made in Four Sizes of Track.

From the suggested hardware sets and price list following, hardware equipment for straight sliding doors to suit a wide variety of doorway conditions, for inside or outside installation, can be selected.

Directions for Ordering

Size—Whether for single or double doors. Width and height of opening. Thickness of doors. Design catalog number and quantity of hangers and other hardware wanted from tables below.

Example Order—Set hardware for single door, opening 8 feet wide, 8 ft. high, door 1 1/4" thick, weighing 300 lbs., part No. 281B Hangers, 7 No. 1X31 Brackets, 2 No. 2X31 Brackets, 1 No. 54 Parallel Ear Ceiling Right or Left End Bracket, 1 No. 525 Lock, 1 No. 272 Floor End Guide, 2 No. 301-72 Bumper Shoes, 1 No. 70-1 Full, 1 No. 71-1 Handle, 1 No. 525 Lock.

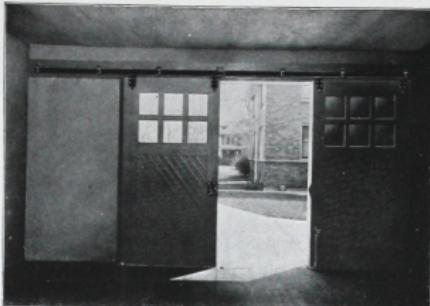


Fig. A-601—Double sliding doors on one track, equipped with R-W Sliding door hardware.

Hardware List for Single or Double Sliding Doors Weighing Up to 500 Pounds

DESCRIPTION	R-W No. 31 Track								R-W No. 32 Track							
	For doors 1 1/4"-2"				For doors 1 1/4"-2"				For doors 1 1/4"-2"				For doors 2 1/4"-2"			
	Inside		Outside		Inside		Outside		Inside		Outside		Inside		Outside	
Ball Bearing Hangers, (listed p. 44)	20 1/2B	27 1/2B-1	27 1/2B-1	27 1/2B-2	27 1/2B-2	28 1/2B-1	28 1/2B-2	28 1/2B-2	28 1/2B-3	28 1/2B-3	28 1/2B-3	28 1/2B-3	28 1/2B-4	28 1/2B-4	28 1/2B-4	28 1/2B-4
Roller Bearing Hangers, (listed p. 44)	20V-1	29V-1	29V-1	29V-2	29V-2	30V-1	30V-2	30V-2	30V-3	30V-3	30V-3	30V-3	30V-4	30V-4	30V-4	30V-4
Center Track Brackets, (listed p. 65)	1x31	1x31	1x31	1x31	1x31	1x31	1x31	1x31	1x31	1x31	1x31	1x31	1x32	1x32	1x32	1x32
End Track Brackets, (listed p. 65)	2x31	2x31	2x31	2x31	2x31	2x31	2x31	2x31	2x31	2x31	2x31	2x31	2x32	2x32	2x32	2x32
Parallel Ear Ceiling Right or Left End Bracket, (listed p. 65)	7x31	7x31	7x31	7x31	7x31	7x31	7x31	7x31	7x31	7x31	7x31	7x31	7x32	7x32	7x32	7x32
Center Stop Brackets, for double doors on one track, p. 65	8x31	8x31	8x31	8x31	8x31	8x31	8x31	8x31	8x32	8x32	8x32	8x32	8x32	8x32	8x32	8x32
Door Stop Hangers, (listed p. 60)	12x31	12x31	12x31	12x31	12x31	12x31	12x31	12x31	12x32	12x32	12x32	12x32	12x32	12x32	12x32	12x32
*Adjustable Door Binder, (listed p. 60)	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54
Floor End Door Guide, (listed p. 61)	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272
Brush Strip, (listed Nos. 172-1, 272-1, 272-2)																
Ball Bearing Hangers, (listed p. 44)	435-72	435-72	435-72	435-72	435-72	435-72	435-72	435-72	435-72	435-72	435-72	435-72	435-72	435-72	435-72	435-72
Roller Bearing Hangers, (listed p. 44)	70-1	70-1	70-1	70-1	70-2	70-2	70-2	70-2	70-1	70-1	70-1	70-1	70-2	70-2	70-2	70-2
Flush Pulls, (listed p. 60)	71-1	71-1	71-1	71-1	71-2	71-2	71-2	71-2	71-1	71-1	71-1	71-1	71-2	71-2	71-2	71-2
Door Handles, (listed p. 60)	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510
Locks, (listed p. 59)	524-2	524-2	524-2	524-2	524-2	524-2	524-2	524-2	524-2	524-2	524-2	524-2	524-2	524-2	524-2	524-2
Bolts, (listed p. 57, 58)	516 or 616	516 or 616	516 or 616	516 or 616	516 or 616	516 or 616	516 or 616	516 or 616	516 or 616	516 or 616	516 or 616	516 or 616	516 or 616	516 or 616	516 or 616	516 or 616
Floor Guide and Weather Strip, (listed p. 62)	737	737	737	737	737	737	737	737	737	737	737	737	737	737	737	737

Hardware List for Single or Double Sliding Doors Weighing Between 500 and 1,000 Pounds

DESCRIPTION	R-W No. 22 Track								R-W No. 33 Track							
	For doors 1 1/4"-2"				For doors 2 1/4"-2 1/4"				For doors 1 1/4"-2"				For doors 2 1/4"-3"			
	Inside		Outside		Inside		Outside		Inside		Outside		Inside		Outside	
Ball Bearing Hangers, (listed p. 44)	29 1/2B-1	29 1/2B-1	29 1/2B-2	29 1/2B-2	121-1	121-1	121-2	121-2	121-1	121-1	121-2	121-2	150-1	150-1	150-1	150-1
Roller Bearing Hangers, (listed p. 44)	29V-1	29V-1	29V-2	29V-2	1x232	1x232	1x232	1x232	1x33	1x33	1x33	1x33	1x33	1x33	1x33	1x33
Center Track Brackets, (listed p. 65)	1x232	1x232	1x232	1x232	2x232	2x232	2x232	2x232	2x33	2x33	2x33	2x33	2x33	2x33	2x33	2x33
End Track Brackets, (listed p. 65)	1x232	1x232	1x232	1x232	12x232	12x232	12x232	12x232	12x33	12x33	12x33	12x33	12x33	12x33	12x33	12x33
Parallel Ear Ceiling Right or Left End Bracket, (listed p. 65)	7x32	7x32	7x32	7x32	7x33	7x33	7x33	7x33	7x33	7x33	7x33	7x33	7x33	7x33	7x33	7x33
Center Stop Brackets, for double doors on one track, p. 65	8x232	8x232	8x232	8x232	8x33	8x33	8x33	8x33	8x33	8x33	8x33	8x33	8x33	8x33	8x33	8x33
*Adjustable Door Binder, (listed p. 60)	12x232	12x232	12x232	12x232	154	154	154	154	154	154	154	154	154	154	154	154
Floor End Door Guide, (listed p. 61)	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272	272
Brush Strip, (listed Nos. 172-1, 272-1, 272-2)																
Ball Bearing Hangers, (listed p. 44)	435-72	435-72	435-72	435-72	435-72	435-72	435-72	435-72	435-72	435-72	435-72	435-72	435-72	435-72	435-72	435-72
Roller Bearing Hangers, (listed p. 44)	70-1	70-1	70-2	70-2	70-1	70-1	70-2	70-2	81-1	81-1	81-2	81-2	70-1	70-2	70-2	70-2
Flush Pulls, (listed p. 60)	81-1	81-1	81-2	81-2	81-1	81-1	81-2	81-2	81-1	81-1	81-2	81-2	81-1	81-2	81-2	81-2
Door Handles, (listed p. 60)	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510
Locks, (listed p. 59)	524-2	524-2	524-2	524-2	524-2	524-2	524-2	524-2	516 or 616	516 or 616	516 or 616	516 or 616	516 or 616	516 or 616	516 or 616	516 or 616
Bolts, (listed p. 57, 58)	516 or 616	516 or 616	516 or 616	516 or 616	516 or 616	516 or 616	516 or 616	516 or 616	516 or 616	516 or 616	516 or 616	516 or 616	516 or 616	516 or 616	516 or 616	516 or 616
Floor Guide and Weather Strip, (listed p. 62)	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736	736

*Not required in installations where No. 736 Floor Guide and Weather Strip is used.

Discount



Garage Door Hardware

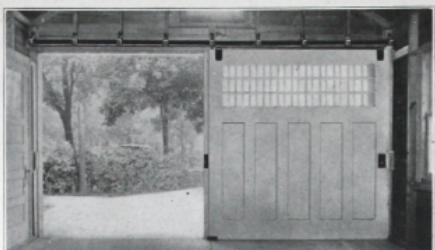


Fig. A-602—Two-car garage equipped with R-W parallel sliding door hardware, two tracks, without weatherstrip. (See plan, Fig. A-601.)

R-W Parallel Sliding Garage Door Hardware

Without Weatherstrip

For Parallel Doors Sliding on Two and Three Parallel Tracks without Weatherstrip. Made in Four Sizes of Track. For Doors Weighing Up to 1,000 Pounds

From the suggested hardware sets and list price given below, hardware equipments for inside or outside installation of parallel sliding doors, can be easily selected to suit various doorway conditions, as follows:

Two parallel doors sliding on two tracks, to wall space on one side of doorway. (See Fig. A-603.)

Two parallel doors sliding from jamb to jamb on two tracks. (See Fig. A-604.)

Three parallel doors sliding from jamb to jamb on two tracks. (See Fig. A-605.)

Three parallel doors sliding from jamb to jamb on three tracks. (See Fig. A-606.)

Two parallel doors on two tracks with front wall space in center of doorway. (See Fig. A-607.)

Four parallel doors on two tracks sliding to wall space on both sides of doorway. (See Fig. A-608.)

Two parallel doors sliding from jamb to jamb on two tracks, one inside and one outside. (See Fig. A-609.)

Hardware List for Parallel Doors Weighing Up to 500 Pounds Each, Sliding on Two and Three Tracks

DESCRIPTION	R-W No. 31 Track						R-W No. 32 Track					
	For doors 1 3/4"-2" thick, weighing up to 300 lbs. each		For doors 1 3/4"-2 3/4" thick, weighing up to 400 lbs. each		For doors 2 3/4"-2 3/4" thick, weighing up to 400 lbs. each		For doors 1 3/4"-2" thick, weighing up to 500 lbs. each		For doors 2 3/4"-2 3/4" thick, weighing up to 500 lbs. each		For doors 2 3/4"-2 3/4" thick, weighing up to 500 lbs. each	
	Inside	Outside	Inside	Outside	Inside	Outside	Inside	Outside	Inside	Outside	Inside	Outside
Ball Bearing Hangers, (listed p. 44)	20 1/2-B	20 1/2-B	27 1/2-B-1	27 1/2-B-1	27 1/2-B-2	27 1/2-B-2	28 1/2-B-1	28 1/2-B-1	28 1/2-B-2	28 1/2-B-2	28 1/2-B-3	28 1/2-B-3
Roller Bearing Hangers, (listed p. 44)	20-2	20-2	25-1	25-1	25-2	25-2	28-1	28-1	28-2	28-2	28-3	28-3
Center Track Brackets, (listed p. 65), (for 2-track installation)	22x31	22x31	22x31	22x31	22x31	22x31	22x32	22x32	22x32	22x32	22x32	22x32
End Track Brackets, (listed p. 65), (for 2-track installation)	23x31	23x31	23x31	23x31	23x31	23x31	23x32	23x32	23x32	23x32	23x32	23x32
Center Track Brackets, (listed p. 65), (for 3-track installation)	33x31	33x31	33x31	33x31	33x31	33x31	33x32	33x32	33x32	33x32	33x32	33x32
End Track Brackets, (listed p. 65), (for 3-track installation)	34x31	34x31	34x31	34x31	34x31	34x31	34x32	34x32	34x32	34x32	34x32	34x32
Parallel Ear Ceiling Center Brackets, (listed p. 65), (for 2 or 3-track installation)	7x31	7x31	7x31	7x31	7x31	7x31	7x32	7x32	7x32	7x32	7x32	7x32
Parallel Ear Ceiling Right or Left End Brackets, (listed p. 65), (for 2 or 3-track installations)	8x31	8x31	8x31	8x31	8x31	8x31	8x32	8x32	8x32	8x32	8x32	8x32
Center Stop Brackets, (listed p. 65), (for Fig. A-603 and Fig. A-608 only)	13x31	13x31	13x31	13x31	13x31	13x31	13x32	13x32	13x32	13x32	13x32	13x32
*Stop Rollers, (Plan, Fig. A-609 only), (listed p. 60)	54	54	54	54	54	54	54	54	54	54	54	54
*Adjustable Door Binder, (Plan, Fig. A-609 only)	272	272	272	272	272	272	272	272	272	272	272	272
*Floor Guide, (Plan Fig. A-603, A-607 and A-608), (listed p. 61)	372	372	372	372	372	372	372	372	372	372	372	372
*Bumper Plates, (Plan Nos. 172, 271 and 272 Guide to protect corners of doors, listed p. 61)	435-72	435-72	435-72	435-72	435-72	435-72	435-72	435-72	435-72	435-72	435-72	435-72
Flush Pulls, (listed p. 60)	70-1	70-1	70-1	70-1	70-2	70-2	70-1	70-1	70-2	70-2	70-1	70-1
Brackets, (listed p. 60)	81-1	81-1	81-1	81-1	81-1	81-1	81-1	81-1	81-1	81-1	81-1	81-1
Locks, (listed p. 59)	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510	525 or 510
Bolts, (listed p. 57-58)	524-1	524-1	524-1	524-1	524-1	524-1	524-1	524-1	524-1	524-1	524-1	524-1
*Center Floor Stop, (listed p. 61), used with Fig. A-608 only)	516 or 616	516 or 616	516 or 616	516 or 616	516 or 616	516 or 616	516 or 616	516 or 616	516 or 616	516 or 616	516 or 616	516 or 616
*Center Floor Guide, (listed p. 61), used with Fig. A-608 only)	171	171	171	171	171	171	171	171	171	171	171	171
*Parallel Door Floor Guide, for 2-track installations, (listed p. 61)	271	271	271	271	271	271	271	271	271	271	271	271
*Parallel Door Floor Guide, for 3-track installations, (listed p. 61)	172-1	172-1	172-1	172-1	172-1	172-1	172-1	172-1	172-1	172-1	172-1	172-1
Floor Guide and Weatherstrip, (listed p. 62)	172-2	172-2	172-2	172-2	172-2	172-2	172-2	172-2	172-2	172-2	172-2	172-2
Floor Guide and Weatherstrip, (listed p. 62)	737	737	737	737	737	737	737	737	737	737	737	737

*Not required in installations where No. 737 Floor Guide and Weatherstrip is used.



Fig. A-603

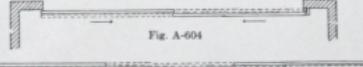


Fig. A-604

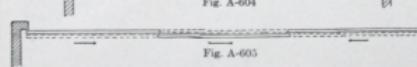


Fig. A-605

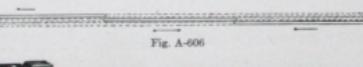


Fig. A-606

Discount

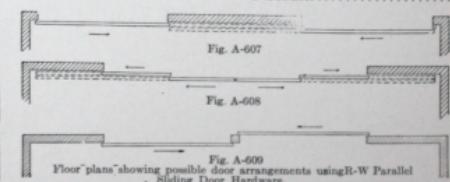


Fig. A-607
Fig. A-608
Fig. A-609

Fig. A-608

Fig. A-609

"A Hanger for any Door that Slides"

**R-W
Parallel Sliding
Garage Door
Hardware
Without Weatherstrip**

CONTINUED

Hardware List for Parallel Doors Weighing 500 to 1,000 Pounds Each, Sliding on Two and Three Tracks



43

*Not required in installations where No. 736 Floor Guide and Weatherstrips are used.

Locking Sets for Parallel Door Outfits Without Weatherstrip

Plan Fig. A-603—(p. 42) 1 No. 525 or 1 No. 510 Lock, for locking doors from both inside or outside; or 1 No. 616 Bolt, for locking doors from inside only.

Plan Fig. A-604—(p. 42) 1 No. 525 or 1 No. 510 Lock, for locking doors from both inside or outside; and 1 No. 516 Bolt or 1 No. 524 Bolt to lock doors from inside only.

Plan Fig. A-605—(p. 42) 2 No. 525 or 2 No. 510 Locks, for locking doors from both inside or outside; and 1 No. 516 or 1 No. 524 Bolt, for locking doors from inside only.

Plan Fig. A-606—(p. 42) (a) 1 No. 525 or 2 No. 510 Locks, for locking doors from both inside or outside; and 1 No. 156 Bolt, for locking doors from inside

only.

(b) 1 No. 525 or 1 No. 510 Lock, for locking doors from both inside or outside and 1 No. 516 and 1 No. 524 Bolt for locking doors from inside only.

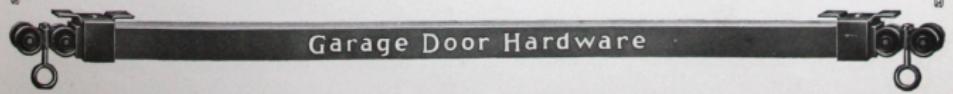
Plan Fig. A-607—(p. 42) (a) 2 No. 525 or 2 No. 510 Locks, for locking doors from both inside or outside.

Plan Fig. A-608—(p. 42) 1 No. 525 or No. 510 Lock, for locking doors from both inside or outside, and 2 No. 616 Bolts for locking doors from inside only.

Plan Fig. A-609—(p. 42) (a) 2 No. 525 or 2 No. 510 Locks, for locking doors from both inside or outside.

and 1 No. 516 or No. 524 Bolt, for locking doors from inside only.

Discount



R-W Parallel Sliding Door Hardware Without Weatherstrip

CONTINUED

List Price and Specifications of Ball-Bearing Door Hangers for Sets Listed Pages 42 and 43

44

Hangers packed without track brackets		Track		For doors weighing lbs.	Thickness of doors	Distance, top of doors to bottom of track. "H" see Fig. A-611, A-612	Distance from bottom of track to first bolt hole "I" see Fig. A-611	Distance from 1st bolt hole to first bolt hole "J" see Fig. A-611	Diameter of bracket bolt	Distance bottom of track to header "M" see Fig. A-612	Minimum track centers "N" see Fig. A-612								
Per pair		Number	Per foot																
List Price	Shipping Wt., lbs.																		
201-B	\$2.25	6 1/2	31	\$0.19	1 6	300	1 1/4-2 1/4"	2 3/4"	4 1/4"	1 1/4"	3 1/2"	2 1/2"							
27-B	3.25	9	31	19	1 6	400	2 1/4-2 3/4"	2 3/4"	4 1/4"	1 1/4"	3 1/2"	2 1/2"							
27-B	3.25	9	31	19	1 6	400	2 1/4-2 3/4"	2 3/4"	4 1/4"	1 1/4"	3 1/2"	2 1/2"							
28-B	4.00	11	32	28	2	500	2 1/4-2 3/4"	2 3/4"	4 1/4"	1 1/4"	3 1/2"	2 1/2"							
29-B	4.00	11	32	28	2	500	2 1/4-2 3/4"	2 3/4"	4 1/4"	1 1/4"	3 1/2"	2 1/2"							
29-B	4.60	14	232	34	2 8	600	1 1/4-2 1/2"	2 3/4"	5 1/4"	3 1/2"	4 1/4"	2 1/2"							
29-B	4.60	14	232	34	2 8	600	2 1/4-2 3/4"	2 3/4"	5 1/4"	3 1/2"	4 1/4"	2 1/2"							
121-B	5.00	16	232	34	3 1	800	1 1/4-2 1/2"	1 3/4"	3"	3 1/2"	4 1/4"	3 1/2"							
123-B	6.20	20	33	44	3 1	800	1 1/4-2 1/2"	1 3/4"	3"	3 1/2"	4 1/4"	3 1/2"							
150-B	6.40	25	33	44	3 1	1000	1 1/4-2 1/2"	1 3/4"	3"	3 1/2"	4 1/4"	3 1/2"							
150-B	6.40	25	33	44	3 1	1000	2 1/4-3"	3 3/4"	5 1/4"	3 1/2"	4 1/4"	3 1/2"							

List Price and Specifications of Roller-Bearing Door Hangers for Sets Listed on Pages 42 and 43

Hangers packed without track brackets		Track		For doors weighing lbs.	Thickness of doors	Distance, top of doors to bottom of track. "H" see Fig. A-611, A-612	Distance from bottom of track to first bolt hole "I" see Fig. A-611	Distance from 1st bolt hole to first bolt hole "J" see Fig. A-611	Diameter of bracket bolt	Distance bottom of track to header "M" see Fig. A-612	Minimum track centers "N" see Fig. A-612								
Per pair		Number	Per foot																
List Price	Shipping Wt., lbs.																		
20-2	\$2.05	8	31	\$0.19	1 6	300	1 1/4-2 1/2"	2 1/2"	4 1/4"	1 1/4"	3 1/2"	2 1/2"							
25-1	2.25	11 1/2	31	19	1 6	400	1 1/4-2 1/2"	2 1/2"	4 1/4"	1 1/4"	3 1/2"	2 1/2"							
25-2	2.25	11 1/2	31	19	1 6	400	2 1/4-2 3/4"	2 1/2"	4 1/4"	1 1/4"	3 1/2"	2 1/2"							
28V-1	3.20	12 1/2	32	28	2	500	1 1/4-2 1/2"	2 1/2"	4 1/4"	3 1/4"	3 1/2"	2 1/2"							
28V-1	3.20	12 1/2	32	28	2	500	2 1/4-2 3/4"	2 1/2"	4 1/4"	3 1/4"	3 1/2"	2 1/2"							
29V-1	3.60	16	232	34	2 8	600	1 1/4-2 1/2"	1 3/4"	3"	3 1/2"	4 1/4"	3 1/2"							
29V-2	3.60	16	232	34	2 8	600	2 1/4-2 3/4"	1 3/4"	3"	3 1/2"	4 1/4"	3 1/2"							
121-1	5.00	25	33	44	3 1	800	1 1/4-2 1/2"	2 1/2"	5 1/4"	3 1/2"	4 1/4"	3 1/2"							
121-1	5.00	25	33	44	3 1	800	2 1/4-2 3/4"	2 1/2"	5 1/4"	3 1/2"	4 1/4"	3 1/2"							
150-1	5.20	25	33	44	3 1	1000	1 1/4-2 1/2"	3 3/4"	5 1/4"	3 1/2"	4 1/4"	3 1/2"							
150-2	5.20	25	33	44	3 1	1000	2 1/4-3"	3 3/4"	5 1/4"	3 1/2"	4 1/4"	3 1/2"							

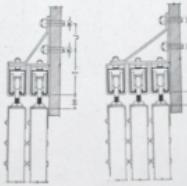
Directions for Ordering

State total width of opening. Number of doors, width and height of each door; thickness of doors, whether for inside or outside installation, whether doors are to run on two or three tracks. (Refer to plan as given on page 42.) Are they for side wall or overhead attachment. Kind of locking bolts desired. State items of hardware wanted. (For Fig. A-607 arrangement—distance between openings.)

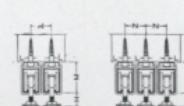
Example Order

Parallel door hardware for doorway opening 16 feet wide, 2 doors each 8 feet 2 inches wide, 8 feet high, 1 1/4 inches thick for inside installation. Two tracks, plan Fig. A-504, for side wall attachment without weatherstrip; with 1 No. 516 Door Bolt and 1 No. 525.1 lock. One No. 172-1 Parallel Door Floor Guide, 2 No. 272 End Door Guides, 4 No. 435-72 Bumper Shoes, 1 No. 70-1 Flush Pull, 1 No. 81-1 Foot Handle, 2 pairs No. 27 1/2-B-1 Full Bearing Hangers, 32 feet No. 31 track, (4 pieces 8 feet); 2 No. 23X31 Brackets; 7 No. 22 Brackets.

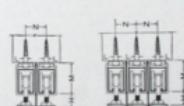
Note—If wicket entrance door is wanted, see page 20 for details and prices of hardware.



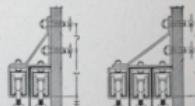
Figs. A-611, A-612 show tracks without weatherstrips.



Figs. A-612, A-614 show tracks without weatherstrips.



Figs. A-613, A-614 show tracks with weatherstrips.



Figs. A-611, A-612 show tracks with weatherstrips.

Discount

"A Hanger for any Door that Slides"

R-W Parallel Sliding Garage Door Hardware

With Weather Strip

For Parallel Doors Sliding on Two and Three Parallel Tracks
Made in Four Sizes of Track. For Doors Weighing
Up to 1,000 Pounds

From the suggested hardware sets and price list given on this page, hardware equipments for inside or outside installation of parallel sliding doors can be easily selected to suit various doorway conditions, as follows:

Two parallel doors sliding from jamb to jamb on two tracks. (See Fig. A-604.)

Three parallel doors sliding from jamb to jamb on two tracks. (See Fig. A-605.)

Three parallel doors sliding from jamb to jamb on three tracks. (See Fig. A-606.)



Fig. A-615—Two car garage having double sliding doors equipped with R-W door hardware, with weather strip. See plan Fig. A-604, page 42.

Hardware List for Parallel Doors Weighing up to 500 Pounds Each, Sliding on Two or Three Tracks

DESCRIPTION	No. 256 or No. 356 Parallel Track, No. 31 size, with Weather Strip See List Price on Page 46								No. 257 or No. 357 Parallel Track, No. 32 size, with Weather Strip See List Price on Page 46							
	For doors 1 1/4"-2"				For doors 1 1/4"-2"				For doors 2 1/4"-2 1/2"				For doors 2 1/4"-2"			
	Installation		Inside	Outside	Installation		Inside	Outside	Installation		Inside	Outside	Installation		Inside	Outside
Ball Bearing Hangers, (p. 44)	20 1/4	B	20 1/4	B	27 1/2	B-1	27 1/2	B-1	27 1/2	B-2	28 1/2	B-1	28 1/2	B-2	28 1/2	B-2
Roller Bearing Hangers, (p. 44)	20-2		20-2		25-1		25-1		25-2		25-2		28V-1		28V-2	
Floor End Door Guide, (listed p. 61)	272		272		272		272		272		272		272		272	
Bottom Sliding Guide, (p. 172-272, to protect corner of doors, (listed p. 61))																
Flush Pulls, (listed p. 60)	435-72		435-72		435-72		435-72		435-72		435-72		435-72		435-72	
Door Hardware, (p. 60)	70-1		70-1		70-1		70-1		70-2		70-2		70-1		70-2	
Locks, (listed p. 59)	81-1		81-1		81-1		81-2		81-2		81-2		81-1		81-2	
Bolts, (listed p. 57-58)	525 or 510		525 or 510		525 or 510		525 or 510		525 or 510		525 or 510		525 or 510		525 or 510	
*Parallel Floor Guide, for 2-track installations, (listed p. 61)	172-1		172-1		172-1		172-1		172-1		172-1		172-1		172-1	
*Parallel Floor Guide, for 3-track installations, (listed p. 61)	172-2		172-2		172-2		172-2		172-2		172-2		172-2		172-2	
Floor Guide and Weather Strip, (listed p. 62)	737		737		737		737		737		737		737		737	

*Not required in installations where No. 737 Floor Guide and Weather Strip is used.

Hardware List for Parallel Doors Weighing 500 to 1,000 Pounds Each, Sliding on Two or Three Tracks

DESCRIPTION	No. 259 or No. 359 Parallel Track No. 32 size, with Weather Strip See List Price on Page 46								No. 258 or No. 358 Parallel Track, No. 33 size, with Weather Strip See List Price on Page 46							
	For doors 1 1/4"-2"				For doors 2 1/4"-2 1/2"				For doors 1 1/4"-3"				For doors 2 1/4"-3"			
	Installation		Inside	Outside	Installation		Inside	Outside	Installation		Inside	Outside	Installation		Inside	Outside
Ball Bearing Hangers, (p. 44)	29 1/4	B	29 1/4	B	29 1/2	B-1	29 1/2	B-1	123 1/2	B-1	123 1/2	B-2	123 1/2	B-1	123 1/2	B-2
Roller Bearing Hangers, (p. 44)	29V-1		29V-2		29V-2		29V-2		121-1		121-1		121-2		121-2	
*Floor End Door Guide, (p. 61)	272		272		272		272		272		272		272		272	
Bottom Sliding Guide, (p. 172-272, to protect corner of doors, (listed p. 61))																
Flush Pulls, (listed p. 60)	435-72		435-72		435-72		435-72		435-72		435-72		435-72		435-72	
Door Hardware, (p. 60)	70-1		70-1		70-2		70-2		70-1		70-2		70-1		70-2	
Locks, (listed p. 59)	81-1		81-1		81-2		81-2		81-1		81-2		81-1		81-2	
Bolts, (listed p. 57-58)	525 or 510		525 or 510		525 or 510		525 or 510		525 or 510		525 or 510		525 or 510		525 or 510	
*Parallel Floor Guide, for 2-track installation, (listed p. 61)	172-1		172-1		172-1		172-1		172-1		172-1		172-1		172-1	
*Parallel Floor Guide, for 3-track installation, (listed p. 61)	172-2		172-2		172-2		172-2		172-2		172-2		172-2		172-2	
Floor Guide and Weather Strip, (listed p. 62)	736		736		736		736		736		736		736		736	

*Not required in installations where No. 736 Floor Guide and Weather Strip is used.

Locking Sets for Parallel Door Outfits with Weather Strip

Plan A-604—(p. 42) 1 No. 325 or 1 No. 310 Lock, for locking doors from both inside and outside, or 1 No. 616 Bolt, for locking doors from inside only.
 Plan A-605—(p. 42) 1 No. 325 or 1 No. 310 Lock, for locking doors from both inside and outside, and 2 No. 516 or 2 No. 616 Bolts for locking doors from inside only.
 Plan A-606—(p. 42) 1 No. 325 or 1 No. 310 Lock, to lock doors from inside and outside, and 1 No. 516 or 1 No. 616 Bolt to lock doors from inside only.
 (a) 1 No. 325 or 1 No. 310 Lock, to lock doors from inside and outside, and 2 No. 516 Bolts, to lock doors from inside only.
 (b) 1 No. 325 or 1 No. 310 Lock, to lock doors from inside and outside, and 2 No. 516 Bolts, to lock doors from inside only.
 (c) 1 No. 325 or 1 No. 310 Lock, to lock doors from inside and outside, and 1 No. 616 Bolt, to lock doors from inside only.
 (d) 1 No. 325 or 1 No. 310 Lock, to lock doors from inside and outside, and 1 No. 616 Bolt and 1 No. 616 Bolt, to lock doors from inside only.

Continued on Next Page

Discount

R-W Parallel Sliding Garage Door Hardware with Weatherstrip

CONTINUED

List Price and Specifications of Ball-Bearing Door Hangers for Sets Listed Page 45

46

Hangers packed without track brackets		Track		For doors weighing lbs.	Thickness of doors	Distance, top of doors to bottom of track "H" see Fig. A-613, A-614		Distance from 1st bolt hole to 2nd bolt hole "I" see Fig. A-614	Distance from 1st bolt hole to bottom of track "J" see Fig. A-614	Diameter of bracket bolt "L" see Fig. A-614	Distance bottom of track to "M" see Fig. A-613	Minimum track centers "N" see Fig. A-613		
Number	Per pair	Per foot	Number			Min.	Max.							
	Price		Price	Shipping Weight, lbs.	Price	Shipping Weight, lbs.								
20 1/2-B	\$2.25	6 1/4	31	\$0.19	1.6	300	1 1/4-2 1/4"	7 1/2"	2 3/4"	4 1/4"	2 3/4"	1 1/4"	3 1/2"	25 5/8"
27 1/2-B-1	3.25	9	31	19	1.6	400	1 1/4-2 1/4"	7 1/2"	2 3/4"	4 1/4"	2 3/4"	1 1/4"	3 1/2"	25 5/8"
27 1/2-B-2	3.25	9	31	19	1.6	400	2 1/2-3 3/4"	2 3/4"	4 1/4"	2 3/4"	2 3/4"	1 1/4"	3 1/2"	25 5/8"
28 1/2-B-1	4.00	11	32	28	2.4	500	1 1/4-2 1/4"	7 1/2"	2 3/4"	4 1/4"	2 3/4"	1 1/4"	3 1/2"	25 5/8"
28 1/2-B-2	4.00	11	32	28	2.4	500	2 1/2-3 3/4"	2 3/4"	4 1/4"	2 3/4"	2 3/4"	1 1/4"	3 1/2"	25 5/8"
29 1/2-B-1	4.60	14	232	34	2.8	600	2 1/2-3 3/4"	3 1/2"	1 1/4"	5 1/2"	3 1/2"	3 1/2"	4 1/4"	3 3/8"
29 1/2-B-2	4.60	14	232	34	2.8	600	2 1/2-3 3/4"	3 1/2"	1 1/4"	5 1/2"	3 1/2"	3 1/2"	4 1/4"	3 3/8"
123 1/2-B-1	6.20	25	33	44	3.1	800	1 1/4-2 1/4"	1 1/2"	3 1/2"	5 1/2"	3 1/2"	3 1/2"	4 1/4"	3 3/8"
123 1/2-B-2	6.20	25	33	44	3.1	800	2 1/2-3 3/4"	1 1/2"	3 1/2"	5 1/2"	3 1/2"	3 1/2"	4 1/4"	3 3/8"
150 1/2-B-1	6.40	25	33	44	3.1	1000	1 1/4-2 1/4"	1 1/2"	3"	5 1/2"	3 1/2"	3 1/2"	4 1/4"	3 3/8"
150 1/2-B-2	6.40	25	33	44	3.1	1000	2 1/2-3 3/4"	1 1/2"	3"	5 1/2"	3 1/2"	3 1/2"	4 1/4"	3 3/8"

List Price and Specifications of Roller-Bearing Door Hangers for Sets Listed Page 45

Hangers packed without track brackets		Track		For doors weighing lbs.	Thickness of doors	Distance, top of doors to bottom of track "H" see Fig. A-613, A-614		Distance from 1st bolt hole to 2nd bolt hole "I" see Fig. A-614	Distance from 1st bolt hole to bottom of track "J" see Fig. A-614	Diameter of bracket bolt "L" see Fig. A-614	Distance bottom of track to "M" see Fig. A-613	Minimum track centers "N" see Fig. A-613		
Number	Per pair	Per foot	Number			Min.	Max.							
	Price		Price	Shipping Weight, lbs.	Price	Shipping Weight, lbs.								
20-2	\$2.05	9	31	\$0.19	1.6	300	1 1/4-2 1/4"	7 1/2"	2 3/4"	4 1/4"	2 3/4"	1 1/4"	3 1/2"	25 5/8"
25-1	2.25	10 1/2	31	19	1.6	400	1 1/4-2 1/4"	7 1/2"	2 3/4"	4 1/4"	2 3/4"	1 1/4"	3 1/2"	25 5/8"
25-2	2.25	10 1/2	31	19	1.6	400	2 1/2-3 3/4"	2 3/4"	4 1/4"	2 3/4"	2 3/4"	1 1/4"	3 1/2"	25 5/8"
28V-1	3.20	10	32	32	2.8	500	1 1/4-2 1/4"	7 1/2"	2 3/4"	4 1/4"	2 3/4"	1 1/4"	3 1/2"	25 5/8"
28V-2	3.20	10	32	32	2.8	500	2 1/2-3 3/4"	2 3/4"	2"	4 1/4"	2 3/4"	1 1/4"	3 1/2"	25 5/8"
28V-3	3.60	14	232	34	2.8	800	1 1/4-2 1/4"	1 1/2"	3 1/2"	5 1/2"	3 1/2"	3 1/2"	4 1/4"	3 3/8"
28V-2	3.60	14	232	34	2.8	800	2 1/2-3 3/4"	1 1/2"	3 1/2"	5 1/2"	3 1/2"	3 1/2"	4 1/4"	3 3/8"
121-1	5.00	18 1/2	33	44	3.3	800	1 1/4-2 1/4"	1 1/2"	3"	5 1/2"	3 1/2"	3 1/2"	4 1/4"	3 3/8"
121-2	5.00	18 1/2	33	44	3.3	1000	2 1/2-3 3/4"	1 1/2"	3"	5 1/2"	3 1/2"	3 1/2"	4 1/4"	3 3/8"
150-1	5.20	21 1/2	33	44	3.3	1000	1 1/4-2 1/4"	1 1/2"	3"	5 1/2"	3 1/2"	3 1/2"	4 1/4"	3 3/8"
150-2	5.20	21 1/2	33	44	3.3	1000	2 1/2-3 3/4"	1 1/2"	3"	5 1/2"	3 1/2"	3 1/2"	4 1/4"	3 3/8"

List Price

Track, Bracket and Weather Strip Assemblies for Side Wall Attachment

DESCRIPTION	Two Track Assembly		Three Track Assembly	
	Price	Shpg. Wt.	Price	Shpg. Wt.
No. 256 Track, No. 31 size, per ft.	\$0.90	7 lbs.	\$1.40	12 lbs.
No. 257 Track, No. 33 size, per ft.	1.15	8 lbs.	2.00	13 lbs.
No. 258 Track, No. 35 size, per ft.	1.70	16 lbs.	2.95	23 lbs.
No. 259 Track, No. 232 size, per ft.	1.40	11 lbs.	2.50	20 3/4 lbs.

For Overhead Attachment

DESCRIPTION	Two Track Assembly		Three Track Assembly	
	Price	Shpg. Wt.	Price	Shpg. Wt.
No. 356 Track, No. 31 size, per ft.	\$0.90	7 lbs.	\$1.40	12 lbs.
No. 357 Track, No. 33 size, per ft.	1.15	8 lbs.	2.00	13 lbs.
No. 358 Track, No. 35 size, per ft.	1.70	16 lbs.	2.95	27 lbs.
No. 359 Track, No. 232 size, per ft.	1.40	11 lbs.	2.50	19 lbs.

Note—Track is assembled complete with brackets and weatherstrip. If wicket entrance door is wanted, see page 20 for details and prices of hardware.

Directions for Ordering

State total width of opening, number of doors. Width and height of each door; thickness of doors, whether for inside or outside installation; if doors are to run on two or three tracks. Refer to plan Fig. A-604 to A-629. Are doors to be overhead or overhead attachment. Kind of locking bolts desired. State items of hardware wanted.

Example Order

One opening, 16 feet wide, 2 doors each 8 feet 2 inches wide, 8 feet high, 1 1/4 inches thick, for inside installation. Two tracks, plan Fig. A-604, for side wall attachment with weatherstrip. No. 256, 1 No. 616 Door Bolt and 1 No. 525 Lock. 1 No. 17-2 Parallel Door Floor Guide, 2 No. 272 End Door Guides, 4 No. 435-72 Bumper Shoes, 1 No. 79-1 Floor Pull, 1 No. 81-1 Bow Handle, 2 pair No. 27 1/2-B Ball Bearing Hangers, 16 feet No. 256 Track.

Discount.....

Garage Door Hardware

Parallel-Ideal Garage Door Hardware



Fig. A-617—"Parallel-Ideal" hanger, track shown, showing relative position of track, bearing and rider bar.

"A Hanger for any Door that Slides"

Parallel-Ideal Garage Door Hardware CONTINUED

Patented

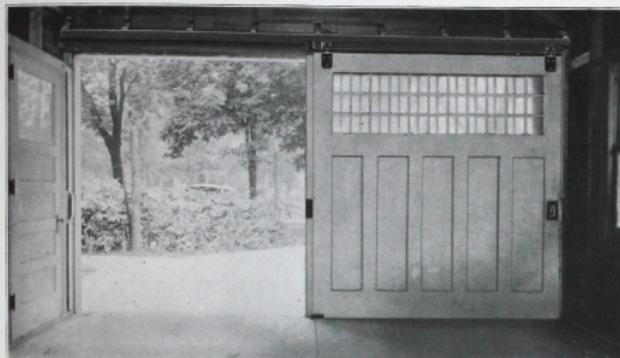


Fig. A-618—Two car garage, doorway having two sliding doors equipped with "Parallel-Ideal" Hardware—see plan A-604 page 42.

A-616 which shows a cross-section of "Ideal" track, give a clear idea of the construction and operation of this ball-bearing device. If wicket entrance door is wanted, see page 20 for details and prices of hardware.

From the suggested hardware sets and list prices given below, "Parallel-Ideal" equipments for inside or outside installation of parallel sliding doors can be easily selected to meet various doorway conditions as follows:

- 1 Parallel doors sliding from wall to wall space on one side of doorway. (See Fig. A-603, page 42.)
- 2 Parallel doors sliding from jamb to jamb on two tracks. (See Fig. A-604, page 42.) This type of equipment furnished with weatherstrip if required, as set forth in table below.
- 3 Parallel doors on two tracks with front wall space in center of doorway. (See Fig. A-607, page 42.)
- 4 Parallel doors on two tracks sliding to wall space on both sides of the doorway. (See Fig. A-608, page 42.)
- 5 Parallel doors sliding from jamb to jamb on two tracks, one inside and one outside. (See Fig. A-609, page 42.)

DESCRIPTION

Stay Rollers, (plan Fig. A-609 only, listed page 60).
Adjustable Door Bolts, (plan Fig. A-609 only, listed page 60).

*Floor End Door Guide, (listed page 61).

*Door Guide, (plan Figs. A-603, A-608, A-609, listed page 61).

*Bumper Shoes, used with Nos. 172-271-272, to protect corner of doors, (listed page 61).

Front Pulls, (listed page 60), for doors 1 1/2"-2" thick.

Front Pulls, (listed page 60), for doors 3 1/2"-4 1/2" thick.

Bow Handles, (listed page 60), for doors 1 1/2"-2" thick.

Bow Handles, (listed page 60), for doors 2 1/4"-2 1/2" thick.

Locally made door guides, (listed page 60).

Bolts, (listed page 57-58).

Center Floor Stop, (plan Fig. A-608 only, listed page 61).

*Parallel Door Floor Guide, for 2-track installation, (listed page 61).

Floor Guide and Weatherstrip, (listed page 62). (To be used in lieu of door guides, above marked with star.)

*Not required in installations where No. 736 or No. 737 Floor Guide and Weatherstrip is used.

"Parallel-Ideal" Hanger, Track and Bracket Assembly

Plan	Size of Opening	Using Equipment Number	List Price	Add for each additional foot or fraction of opening	Maximum width of opening	Shipping Wt., lbs.	Add pounds for each additional foot of opening
Fig. A-603	(p. 42) up to 8'	437	\$39.70	\$8.75	13'	108	13 1/2
Fig. A-604	(p. 42) up to 16'	437	61.00	5.15	20'	144	9
Fig. A-604	(p. 42) up to 16'	436	70.00	5.70	20'	176	11
Fig. A-607	(p. 42) up to 8'	437	76.70	5.10	10' ea.	216	9
Fig. A-608	(p. 42) up to 8'	437	59.00	5.50	20'	108	13 1/2
Fig. A-609	(p. 42) up to 8'	437	55.00	9.00	10'	144	18

*With one set R-W No. 727 equipment for each opening.

Directions for Ordering—State total width of opening. Number of doors, width and height of each door; thickness of doors, whether for inside or outside installation. Are they for side wall or overhead attachment. Kind of locking bolts desired. State items of hardware wanted.

Example Order—1 opening 16 feet wide, 2 doors, each 8 ft. 2 inches wide, 8 feet high, 1 1/2" inches thick for inside installation, plan Fig. A-604, inside wall attachment, with Weatherstrip No. 456; 1 No. 616 Door Bolt and 1 No. 525 Lock. 1 No. 172-1 Parallel Door Floor Guide, 2 Nos. 272 End Door Guides, 4 Nos. 435-72 Bumper Shoes, 1 No. 70-1 Pull, 1 No. 71-1 Bow Handle, 16 feet 456 track.

Garage Door Hardware

R-W No. 457
Without Weatherstrip

R-W No. 456
With Weatherstrip

"Parallel-Ideal" Garage Door Hardware is a particularly high class equipment in which the "Parallel-Ideal" track and hanger assembly supports parallel doors, as shown on this page, the other door hardware being the same as used in the regular R-W Parallel Door sets shown on pages 42-43.

The "Ideal" track and hanger assembly embodies, because of its scientific construction, a number of important features. The door hangs from a wide rider-bar rolling over steel balls, which in turn roll on a carefully machined track groove. Friction is eliminated and at the same time the door travels at twice the speed of the bearings. A ball retainer keeps the steel balls always properly aligned.

The "Ideal" ball-bearing design provides a hanger which operates with exceptional smoothness and ease, and the combination of track and hanger with the parallel door arrangement produces in "Parallel-Ideal" hardware, an equipment that is perfect itself.

Fig. A-618, which illustrates "Parallel-Ideal" Equipment applied in accordance with plan A-604 (page 42), and figure with device. The track is a rectangular shaped

R-W Flush Door Hardware

For Two or Four Flush Parallel Doors with Compound Curved Tracks. Made in Four Sizes of Track



Fig. A-619—Single car garage, doorway having two doors equipped with R-W flush door hardware.

Two exceptional advantages in "Doo-R-Way" installation are peculiar to R-W Flush Door Hardware; smooth door surface and economy of wall space.

The doors in closed position stand in one plane, edge to edge, presenting a smooth door surface clear across the doorway. In open position, two doors stand side by side along the wall back of the door jamb, needing only sufficient wall space to accommodate the width of one of the doors.

These important features of smooth door surface in closed position and economy of wall space in open position, are obtained by running one of the doors on a trolley track having a compound curve which sidetracks this door, as it opens, to a position beside its companion door (Figure A-620). Two doors may be installed to operate toward either side of the doorway.

Similar installations operating from both sides of the doorway may be arranged in accordance with plans, Figs. A-621 and A-622.

From the suggested hardware sets and price lists given below, hardware equipments for flush door installations may be easily selected as follows:

2 flush doors sliding to one side of the doorway (Fig. A-620).

2 pairs of flush doors sliding toward both sides of the doorway (Fig. A-621).

2 doors sliding back of center wall between two doorways (Fig. A-622).

Hardware List for Doors Weighing Up to 1,000 Pounds Each

DESCRIPTION	No. 31 track		No. 32 track		No. 232 track		No. 33 track	
	Doors 1 1/4"-2" thick	Doors 2 1/4"-2 1/4" thick	Doors 1 1/4"-2" thick	Doors 2 1/4"-2 1/4" thick	Doors 1 1/4"-2" thick	Doors 2 1/4"-2 1/4" thick	Doors 1 1/4"-2" thick	Doors 2 1/4"-2 1/4" thick
K. J. Ball Bearing Hanger, (listed p. 49). For use on compound curved track.....	27 1/2B-1	27 1/2B-1	28 1/2B-1	28 1/2B-2	29 1/2B-1	29 1/2B-2	123 1/2B-1	123 1/2B-2
Ball Bearing Hanger, (listed p. 44). For use on straight track.....	27 1/2B-1	27 1/2B-2	28 1/2B-1	28 1/2B-2	29 1/2B-1	29 1/2B-2	123 1/2B-1	123 1/2B-2
Center Track Brackets, (listed p. 65). For single track side wall attachment.....	2x31	2x31	2x32	2x32	2x232	2x232	2x33	2x33
End Track Brackets, (listed p. 65). For single track side wall attachment.....	1x31	1x31	1x32	1x32	1x232	1x232	1x33	1x33
Parallel Ear Ceiling Center Stop Bracket, (listed p. 65).....	10x31	10x31	10x32	10x32	10x232	10x232	10x33	10x33
Parallel Ear Stop Bracket, (listed p. 65).....	12x31	12x31	12x32	12x32	12x232	12x232	12x33	12x33
Parallel Ear Ceiling Center Bracket, (listed p. 65). For single and double track attachment.....	7x31	7x31	7x32	7x32	7x232	7x232	7x33	7x33
Parallel Ear Ceiling Right or Left Hand Center Bracket, (listed p. 65). For single and double track attachment.....	8x31	8x31	8x32	8x32	8x232	8x232	8x33	8x33
Side Double Center Track Brackets, (listed p. 65).....	22x31	22x31	22x32	22x32	22x232	22x232	22x33	22x33
Side Double End Brackets, (listed p. 65).....	23x31	23x31	23x32	23x32	23x232	23x232	23x33	23x33
Flap or Double Track Stop, (listed p. 61).....	2x2	2x2	2x2	2x2	2x2	2x2	2x2	2x2
Floor Guide, (listed p. 61).....	372	372	372	372	372	372	372	372
Flush Pull, (listed p. 60) (to be used when 525 is omitted).....	70-1	70-2	70-1	70-2	70-1	70-2	70-1	70-2
Box Handles, (listed p. 60).....	81-1	81-2	81-1	81-2	81-1	81-2	81-1	81-2
Door Handles, (listed p. 60) (to be used when 525 is omitted).....	170	170	170	170	170	170	170	170
*No. 1 Compound Curve (Right or Left Hand Curve shown in Plan Fig. A-620 is Right Hand).....	No. 1 CC x31	No. 1 CC x31	No. 1 CC x32	No. 1 CC x32	No. 1 CC x232	No. 1 CC x232	No. 1 CC x33	No. 1 CC x33
Locks, (listed p. 59).....	525 or 510 525 or 510	525 or 510 525 or 510	525 or 510 525 or 510	525 or 510 525 or 510	525 or 510 525 or 510	525 or 510 525 or 510	525 or 510 525 or 510	525 or 510 525 or 510
Bolts, (listed p. 57-58).....	524-1 or 616	524-1 or 616	524-1 or 616	524-2 or 616	524-2 or 616	524-2 or 616	524-2 or 616	524-2 or 616

*Compound Curve is 15 1/4 inches long but it is preferable to send us floor plan so we can join compound curved track to straight track, eliminating the joint at the end of the curve.

Discount.....

"A Hanger for any Door that Slides"

R-W Flush Door Hardware

CONTINUED

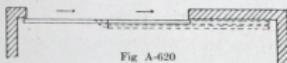


Fig. A-620

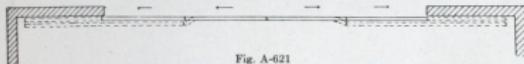
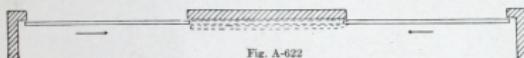


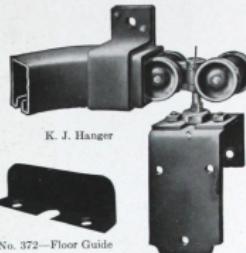
Fig. A-621



Floor Plans of Flush Parallel Doors with Compound Curved Tracks



No. 1—Compound Curve



No. 372—Floor Guide

List Price and Specifications of Ball-Bearing Hangers for Sets Listed on Opposite Page

Knuckle Jointed Hangers for use on compound curved track. Packed without brackets		Regular Ball Bearing Hangers for use on straight track Packed without brackets				Track, per foot	For track Number	For doors weighing	Thickness of doors	Distance from bottom of track center of bolt hole in single ball bracket	Distance from bottom of track center of bolt hole in first ball bracket in double ball bracket	Distance from first bolt hole to second bolt hole in double ball bracket	Diameter of bracket bolt	Distance, top to bottom of track	
Number	Price, per pair	Number	Per pair	Price	Wgt., lbs.									Min. Maximum	Min. Maximum
27 1/2-B-1 K. J.	\$4.70	27 1/2-B-1	\$3.25	9	31	\$0.19	1 6	400	1 5/8-2"	3 3/4"	4 3/4"	2 3/4"	1 6/8"	5 1/2"	2 3/4"
27 1/2-B-2 K. J.	4.70	27 1/2-B-2	3.25	9	31	19	1 6	400	2 1/4-2 3/4"	3 3/4"	4 3/4"	2 3/4"	1 6/8"	5 1/2"	2 3/4"
28 1/2-B-1 K. J.	6.00	28 1/2-B-1	4.00	11	32	28	2	500	1 5/8-2"	4 1/4"	4 1/4"	4 1/4"	3 1/4"	5 1/2"	2 3/4"
28 1/2-B-2 K. J.	6.00	28 1/2-B-2	4.00	11	32	28	2	500	2 1/4-2 3/4"	4 1/4"	4 1/4"	4 1/4"	3 1/4"	5 1/2"	2 3/4"
29 1/2-B-1 K. J.	6.60	29 1/2-B-1	4.60	14	232	34	2 8	600	2 1/4-2 3/4"	4 1/4"	5 1/8"	5 1/8"	3 1/4"	5 1/2"	2 3/4"
29 1/2-B-2 K. J.	6.60	29 1/2-B-2	4.60	14	232	34	2 8	600	2 1/4-2 3/4"	4 1/4"	5 1/8"	5 1/8"	3 1/4"	5 1/2"	2 3/4"
123 1/2-B-1 K. J.	8.20	123 1/2-B-1	6.20	25	33	44	3.1	800	1 5/8-2"	5"	5 1/8"	5 1/8"	3 1/2"	5 1/2"	3"
123 1/2-B-2 K. J.	8.20	123 1/2-B-2	6.20	25	33	44	3.1	800	2 1/4-3"	5"	5 1/8"	5 1/8"	3 1/2"	5 1/2"	3"
150 1/2-B-1 K. J.	8.40	150 1/2-B-1	6.40	25	33	44	3.1	1000	1 5/8-2"	5"	5 1/8"	5 1/8"	3 1/2"	5 1/2"	3"
150 1/2-B-2 K. J.	8.40	150 1/2-B-2	6.40	25	33	44	3.1	1000	2 1/4-3"	5"	5 1/8"	5 1/8"	3 1/2"	5 1/2"	3"

List Price of Compound Curves

	For No. 31 track	For No. 32 track	For No. 232 track	For No. 33 track
No. 1 Compound Curve.....	\$7.00	\$7.50	\$8.00	\$9.00

LOCKS AND BOLTS

Number	Price	Shipping Wt., lbs.
524-1 Bolt, each.....	\$0.90	3
524-2 Bolt, each.....	1.20	4
616 Bolt, each.....	2.70	13 1/2
519 Lock, each.....	3.25	8
525 Lock, each.....	3.75	4

Locking Bolts for Flush Door Equipments

Plan, Fig. A-620—1 No. 525 Lock to lock one door from both inside and outside, and 1 No. 524 Bolt to lock one door from the inside only.

Plan, Fig. A-621—2 No. 525 Locks to lock doors from both inside and outside, and 2 No. 524 Bolts to lock doors from the inside only.

Plan, Fig. A-622—(a) 1 No. 525 Lock and 1 No. 510 Lock to lock one door from both inside and outside, and 1 No. 524 Bolt to lock door from the inside only.

(b) 2 No. 525 Locks to lock doors from inside and outside, or 2 No. 510 Locks to lock doors from inside and outside.

(c) 1 No. 525 or No. 510 Lock to lock one door from the inside and outside and 1 No. 616 Bolt to lock one door from the inside only.

Directions for Ordering

State—Total width of opening. Number of doors, width and height of each door: thickness of doors. Refer to plan as given above and send sketch showing whether right or left hand door. State items of hardware wanted.

Example Order—1 opening 16 feet wide. 2 flush doors 8 feet 2 inches wide, 8 feet high, 1 1/4 inches thick, sliding to one side of doorway Fig. A-620—Doors Right Hand, 2 No. 2x31 Brackets, 3 No. 1x31 Brackets, 1 No. 23x31 Bracket, 8 No. 22x31 Brackets, 1 No. 272 Floor End Door Guide, 1 No. 372 Door Guide, 1 No. 81-1 Bow Handle, 1 No. 1 c. e. x 31 Right Hand Compound Curve, 1 No. 525 Lock, 1 No. 524-1 Case Bolt, 1 pair No. 27 1/2-B-1 K. J. Hangers, 1 pair No. 27 1/2-B-1 Hangers.

Note—If wicket entrance door is wanted, see page 20 for details and prices of hardware.

Discount.....

Garage Door Hardware

No. 1100

R-W Stewart Electric Door Opener and Closer

Illustrated Operating No. 1035 R-W Sliding-Folding
Garage Door Outfit

Patented

50

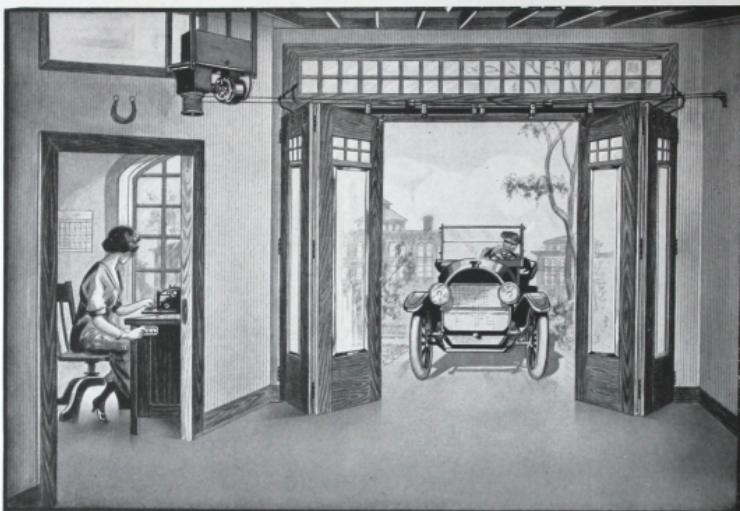


Fig. A-623

This device will save time and labor expense in any building where the doors must be opened and closed a number of times a day. In public garages this device can be operated by the stenographer or office clerk without interfering with their duties and avoid any possibility of keeping patron waiting.

The only mechanical door opener and closer on the market with which the complete opening or closing movement need not be completed to reverse.

The R-W Electric Door Opener and Closer consists of a driving unit, relay, limit switches, push button controllers, pulleys, sprockets, attachments to doors and the necessary driving cables or chains.

The Driving Unit consists of a special wound reversing motor, reducing gears operating in a grease tight case, releasing clutch and the winding drum for cable or sprocket for chain. The motors are rated as $\frac{1}{4}$, $\frac{1}{2}$, and $\frac{1}{2}$ H. P. and are wound to give a high starting torque. The rotor shafts of the motors and the worm shaft of the reducing gears are mounted on ball bearings. The motors are furnished for a two second time to correspond with current and voltage of motor, properly wired to control the current for the opening and closing operation of the door. The relay is enclosed in a steel protected box. The limit switches automatically shut off the current when the doors reach the maximum open or closed position. Three sets of push buttons are regularly furnished with each operator. Each set has three buttons, one to control the opening movement, one to control the closing movement and the third to stop the doors in any position. The control buttons can be placed at any point in the building. Will save money and heat, eliminate waste time and give patrons prompt service. It is all above the door level and does not occupy any valuable space. It is furnished complete and can be installed by any electrician.

Can be arranged to operate almost any kind of a door. With No. 1035 R-W Sliding Folding-Garage Door Outfit as shown above, furnishes the most perfect garage door arrangement on the market.

Blue prints furnished on request.

Directions for Ordering

Send Sketch showing all dimensions as follows:

1. Number of openings.
2. Width of opening.
3. Height of opening.
4. Thickness of doors.
5. Distance jamb to side wall, right side.
6. Distance jamb to side wall, left side.

7. Distance top of door to nearest obstruction or ceiling. (If arched doors, measure from highest point and give rise of arch).
8. Is electric current direct or alternating.
9. Give voltage, cycle and phase.
10. State kind of door; single swing, pair of swing, single slide, pair of slide, or "Slidelite" folding doors.

Swing doors always swing in.

Garage Door Hardware

"A Hanger for any Door that Slides"

R—W No. 1100

CONTINUED

There is no question of the superiority of sliding doors for garage use. Their installation gives free and unobstructed use of the entrance without danger of injury to the auto or truck when passing through the opening.

The installation shown in the illustration on the right is a very large and heavy door, weighing about 3,200 pounds. It would be impossible to hang this door in any other way and get satisfactory service. There are four No. 149 R-W Ball-Bearing Trolley Hangers used, two hangers on each end of the door, operating in No. 145 R-W Angle Iron Tread Trolley Track. These hangers and the trolley track are designed for heavy work of this kind.

The R-W Stewart Electric Door Opener and Closer handles this massive door with ease, opening and closing it by a push on the button.

See opposite page for Directions for Ordering.

The illustration below shows a double sliding door arrangement equipped to be operated by the R-W Stewart Electric Door Opener and Closer. These doors slide one to the right and one to the left and enable the builder to close a wide opening with two doors of medium size and weight rather than the very wide and heavy single door which would otherwise be required.

The illustration gives a very clear view of the motor, relay, limit switches and push buttons, trolley track and hangers, showing how they are above the door, away from possible accident, and occupying no valuable space.

These doors slide flat against the wall on either side of the opening and take up practically no floor space.

See opposite page for Directions for Ordering.



EACH OPERATION 10 SECONDS

Fig. A-624—Operating Single Sliding Door



Fig. A-625—Operating Double Sliding Doors

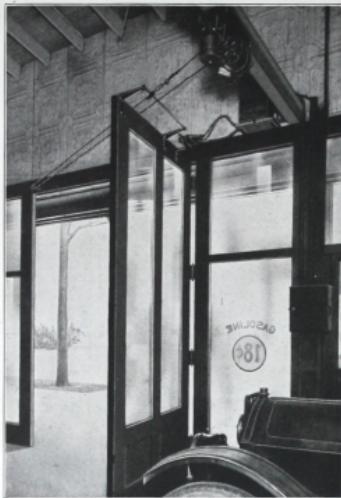


Fig. A-626—Operating Single Swinging Doors

R-W No. 1100
Stewart Electric Door
Opener and Closer

CONTINUED

The R-W Stewart Electric Door Opener and Closer can be installed to operate swing doors, in old buildings where the doors are already in place, and in new buildings where swing doors are to be used. The illustration on the left is a very good example of a single swing door installation. Note how the motor, relay and the other parts of the outfit are all above the door out of the way.

In the case of swing doors, certain room is required between the door when open and the wall it opens against. If the information asked for under Directions for Ordering on Page 50 is given us complete, the outfit can be sent from the factory ready to be installed with very little unnecessary trouble.

In some cases the entrance may be so located in the building that the space between the door when opened and the wall it opens against is not the proper distance to place the motor, cable, winding drum and cable pulleys. The illustration below of a double swing door installation shows an arrangement of this kind. In this case it was found necessary to place the motor, cable, cable pulleys and winding drum out in front and to the side of the opening, so that the proper leverage could be applied to the doors to handle them in the opening and closing movements. The outer ends of the doors are supported by special hangers which operate in the curved I-Beam Track.

Such door arrangements as the above may be found in old buildings and in new buildings where proper allowance has not been made in planning the entrance for the R-W Stewart Electric Door Opener and Closer.

By taking the question up with us, with the information asked for under Directions for Ordering on Page 50, unnecessary expense can be avoided.



Fig. A-627—Operating Double Swinging Doors

"A Hanger for any Door that Slides"

R-W No. 463

Pit Automobile Turntable

Ball-Bearing

The construction of the R-W Pit Turntable makes it particularly suitable for public garages where a wide variety of cars approach the turntable from all directions.

Every backward motion of a motor car is hazardous to life, limb and property, and should be avoided whenever possible, especially where there are children on the premises. An automobile turntable should be used wherever safety and convenience are considered, where space is limited and where beauty of grounds is desirable.

Dimensions and Prices

Diameter of pit, 14½ feet, depth, approximately 1 foot.

Diameter of wheels, 6½ inches.

Diameter of heavy angle steel track, 12 feet.

We furnish all steel and iron work, with wood timbers to which the plank top, or floor, is secured by screws or spikes, but we do not furnish the planking.

Shipping weight, complete as above, 1,000 pounds.

Price

\$450.00

Special sizes made to order. Prices quoted on application.

Plans showing installation details furnished with outfit.

Discount

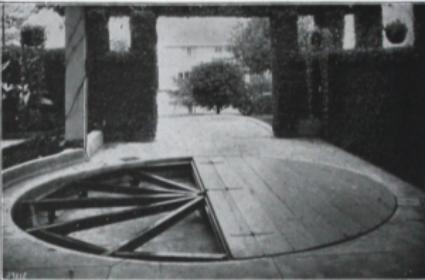


Fig. A-628—Patent Pending

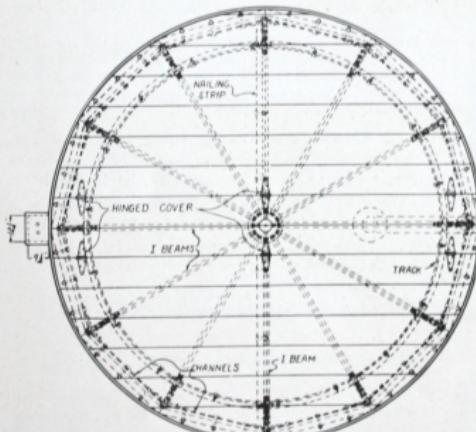


Fig. A-629

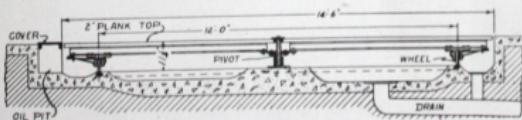


Fig. A-630

Garage Door Hardware

R-W Locks and Latch with Two Handles

For Garage Entrance Doors

The two locks and one latch shown on this page are especially adapted for locking the swinging entrance door in Slidelite installations and also for locking the swinging entrance door in Round Runner installations.

Each lock is furnished with two handles with latch thumb lift as shown in the illustration of the No. 550 lock, one handle for each side of the door.

54 R-W No. 550 Cylinder Lock. This cylinder lock is furnished with two handles, latch thumb lift and two keys as illustrated. It is made with one cylinder for locking doors from outside only; or with two cylinders for locking doors from both sides. The face of the lock and the cylinders are made of solid polished bronze. The mortise case is finished in black japan and is $5\frac{1}{2}$ inches high, $3\frac{3}{4}$ inches deep, $\frac{3}{4}$ inch thick. The face of the lock is $7\frac{3}{4}$ inches long by $1\frac{1}{4}$ inches wide. The distance from the face of the door to the center of the handle is $2\frac{3}{4}$ inches.



No. 550 Cylinder Lock

Handles are finished in polished brass or japan.

Packed one lock in metal-edged carton.

Note—In ordering this lock, state thickness of door so that we may furnish cylinder of proper length.

List Price

	List Price	Shpg. Wt.
One No. 550 Cylinder Lock, complete with one cylinder only and polished brass handles.....	\$24.00	5 lbs.
One No. 550 Cylinder Lock, complete with one cylinder only and japanned handles.....	20.00	5 lbs.
One No. 550 Cylinder Lock, complete with two cylinders and polished brass handles.....	30.00	5 lbs.
One No. 550 Cylinder Lock, complete with two cylinders and japanned handles.....	25.00	5 lbs.

R-W No. 450 Three-Tumbler Lock. Locks door from both sides. Furnished with two japanned handles same as shown in illustration of No. 550 lock, latch thumb lift and two flat key bits. Solid bronze latch and bolt.

Mortise case, japan finish, 4 inches high, $3\frac{1}{8}$ inches deep, $1\frac{1}{16}$ inch thick. Distance from face of door to center of handle $2\frac{1}{8}$ inches. Face of lock $6\frac{1}{2}$ inches long by $1\frac{1}{8}$ inches wide.

Packed one lock in metal-edged carton.

	List Price	Shpg. Wt.
One No. 450 Three-Tumbler Lock, complete.....	\$5.00	$4\frac{3}{4}$ lbs.

R-W No. 350 Latch. Japan finish. Furnished with two handles and latch thumb lift as shown in illustration of No. 550 lock.

Mortise case $2\frac{3}{4}$ inches high, $2\frac{3}{4}$ inches deep, $1\frac{1}{16}$ inch thick. Face plate $4\frac{1}{2}$ inches long by 1 inch wide. Distance from face of door to center of handle $1\frac{3}{4}$ inches.

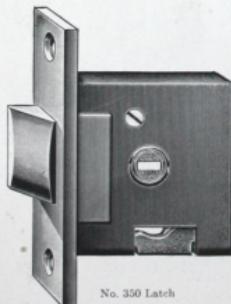
Packed one lock in metal-edged carton.

	List Price	Shpg. Wt.
One No. 350 Latch, complete.....	\$3.00	4 lbs

Discount.....



No. 550 Handles and Lock Installed



No. 350 Latch



No. 450 Tumbler Lock

"A Hanger for any Door that Slides"

R-W No. 517 Garage Cremone Bolt

Locks doors at both top and bottom with one movement of the lever handle.

So constructed that when bolted or unbolted the ends of connecting rods, where attached to the lever handle, are off center so that bolt maintains its position by gravity and cannot be changed except by moving the lever handle.

Made in one size, for doors 7 to 8 feet high, and furnished with extra sections one foot and two feet long for higher doors.

Packed regularly with screws and top and bottom keeper. The Patented Bottom Keeper is made with a lug against which the outside surface of the door strikes so that the bolt will always be in line with the opening in the keeper when the door is pushed tightly shut. Adjustable for different thicknesses of doors. Extra Flat Bottom Keeper is furnished so that the doors may be locked in open position.

List Price

No. 517 Bolt, adjustable for doors 7 to 8 feet high.....	\$5.00
Extra Section, 1 foot long.....	.60
Extra Section, 2 feet long.....	.80

Discount.....

Directions for Ordering—State the following: First—Height of door. Second—whether sliding or swing door. Third—if swing door, does same overlap jamb or set in flush. Fourth—Whether doors swing in or out.

R-W No. 417 Top and Bottom Bolt

A Very Simple, Effective, Substantial Garage Door Bolt

The locking device consists of top and bottom spring bolts connected by chains, with an operating handle in the center of the door. Sufficient chain is furnished for doors up to 9 feet high. Extra bottom keeper furnished so that doors may be locked when in open position. Packed one in a box.

List Price

No. 417 Top and Bottom Bolt.....	Price \$3.40	Shpg. Wt. 2½ lbs.
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Discount.....

R-W No. 617

Garage Cremone Bolt

A simple, substantial, convenient and ornamental Cremone door bolt particularly designed for use on garage doors equipped with "Slidelite" folding-sliding garage door hardware, or garage doors hung on hinges.

The No. 617 Bolt is made in three principal sections; the center or locking section, and the top and bottom or adjustable bolt sections—the three sections being united by $\frac{1}{2}$ -inch connecting rods.

56 The bolt will retain its position positively either locked or unlocked—cannot be opened by jarring. It is made of steel, finished in black enamel.

Complete bolt for single or double "Slidelite" or hinged doors swinging inside of building is packed regularly in a neat and compact metal-edged fibreboard box $20\frac{1}{2}$ inches long. Special keepers required for doors swinging out. Bolt as regularly packed is adjustable for doors up to 10 feet high. Extra sections 18 inches long furnished as ordered for higher doors. The bolt can be applied to doors with stiles as narrow as $3\frac{1}{2}$ inches.

The patented Bottom Keeper is made with lug against which the outside surface of the door strikes so that the bolt will always be in line with the opening in the keeper when the door is pushed tightly shut. Adjustable for different thicknesses of doors.

Extra Flat Bottom Keeper included so that the doors may be locked in open position.

Movement of bolt is $1\frac{1}{4}$ inches in each direction. Twelve-inch adjustment is provided in top and bottom sections. Permanent adjustment is made when bolt is applied to the door.

The base plate of the center section is $12\frac{3}{4}$ inches long by $3\frac{3}{8}$ inches wide. The base plate of top and bottom sections is $17\frac{1}{2}$ inches long by $2\frac{7}{8}$ inches wide. Maximum extension from surface of door is $2\frac{3}{4}$ inches.

List Price

R-W No. 617 bolt packed complete as above, adjustable for doors up to 10 feet high, shipping weight, $14\frac{1}{2}$ pounds, each	\$9.50
Extra 18-inch sections for lengthening No. 617 bolt to accommodate higher doors, shipping weight, 1 pound, each	.80

Discount.....

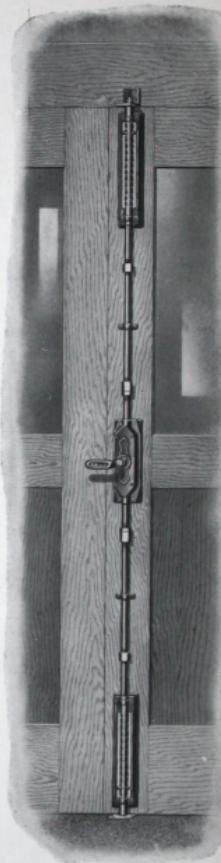
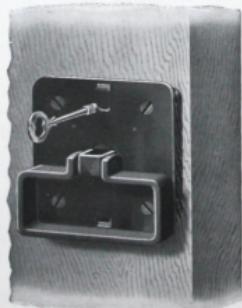
R-W No. 1125 Lock

R-W 1125 Garage Door Lock, to be used in locking the No. 617 Door Bolt from the outside, is automatically adjustable for doors from $1\frac{1}{4}$ inches to 3 inches thick. Minimum width of door stile 4 inches. Size of plate 4 inches by $4\frac{1}{2}$ inches. Maximum extension from face of door $\frac{5}{8}$ inch. Fourteen changes of keys. Packed complete in metal edge box with screws and two keys. Made of steel, finished in black enamel.

List Price

R-W No. 1125 Outside Lock for No. 617 bolt, packed complete as above, shipping weight, $1\frac{1}{4}$ pounds, each	\$3.00
--	--------

Discount.....



No. 617 Bolt Applied

R-W No. 514

Top or Bottom Spring Bolt
for Garage Doors

Heavy Spring Bolt, designed especially for garage use. Can be used on sliding doors, right angle doors, sliding-folding doors, hinged doors swinging in or out. Made in two sizes. Reversible.

No. 514-1—The Housing is made of steel, $4\frac{5}{8}$ inches long. Bolt proper $\frac{5}{8}$ inches square end, and $5\frac{1}{2}$ inches long over all. Chain 24 inches long with ring attached to end.

No. 514-2—The Housing is made of heavy steel, 9 inches long. Bolt proper $\frac{3}{4}$ inch square end, and 10 inches long over all. Chain 24 inches long with ring attached to end.

Finish, black enamel. Packed regularly, six in metal-edge box, complete with screws, two keepers, chain and clip for chain for each bolt.

Weight, per half dozen, No. 514-1, 7 pounds.

Weight, per half dozen, No. 514-2, 14 pounds.

List Price

No. 514-1 Top and Bottom Bolt, per dozen \$ 8.00
No. 514-2 Top and Bottom Bolt, per dozen. 14.00

Discount.....

No. 524-1 Bottom Bolt, per dozen \$ 9.00
No. 524-2 Bottom Bolt, per dozen 12.00

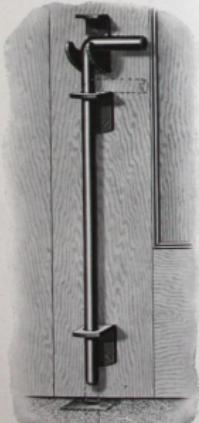
Discount.....



Used as Top Bolt, Showing Various Applications of Keepers



Used as Bottom Bolt



R-W No. 524 Bottom Cane Bolt

An extra heavy, all steel bottom bolt for garage or warehouse doors.

As shown in illustration, bolt drops by gravity when the handle is lifted out of the socket.

Can be used with No. 514 top bolt.

No. 1 size, $\frac{5}{8}$ inch diameter by 18 inches long.

No. 2 size, $\frac{3}{4}$ inch diameter by 24 inches long.

Packed two in metal-edge box with screws, keeper plates, brackets and guides. Weight, each, No. 1, $2\frac{1}{2}$ pounds; No. 2, $4\frac{1}{2}$ pounds.

List Price

No. 524-1 Bottom Bolt, per dozen \$ 9.00
No. 524-2 Bottom Bolt, per dozen 12.00

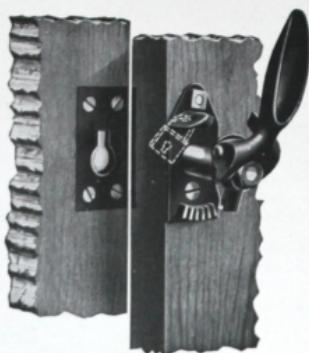
Discount.....

R-W No. 516

Parallel Door Bolt and Lock

Patented

58



Designed especially for garage doors operating on parallel track, but may be used on single doors by inserting keeper casting in the jamb on side wall.

This bolt can be used with No. 235 Single Garage Doors. Made of malleable iron and steel.

Suitable for doors $1\frac{3}{4}$ to 3 inches thick.

Lock is inserted in the stile of door, the key or bolt passing entirely through the stile of door on the inside track and into the keeper in the stile of the outside door.

When used with single doors, this bolt passes into the keeper inserted in the jamb.

By turning the handle, doors are drawn together and held in that position by a stop lug resting in notched section on the lock plate. This prevents turning of bolt or same being removed or doors opened.

When used on the outside of building, a padlock can be attached, thus providing a combined bolt and lock. Doors should lap each other or jamb at least 2 inches.

Finish, regular black enamel; other finishes furnished on application. Packed one in metal-edge box, complete with bolts and screws.

Weight, each, 3 pounds.

List Price

No. 516 Parallel Garage Door Bolt, regular finish, each

\$1.50

Discount



R-W No. 616 Bolt

For locking parallel sliding doors from the inside only.

Made of malleable iron.

Reversible for right or left hand. Cup in which the lever is pivoted is mortised into one door of the pair, or into the jamb. Lever is held in place when door is unlocked by a spring clip.

Lugs on lever work on a cam shaped piece attached to the back edge of one door and the cam is so shaped that as the lever is drawn down, the doors are wedged together. When the lever is in horizontal position and the pivoted handle in the position shown on illustration, the doors are drawn as tight together as possible. Lever is stopped in the horizontal position by lug, so that it can not drop below this point.

Size of plate on flush cup, $8\frac{1}{4}$ inches high by $3\frac{1}{2}$ inches wide. Cup is $1\frac{3}{8}$ inches deep.

Suitable for doors $1\frac{3}{4}$ inches or more in thickness. Packed one in a box with screws.

List Price

No. 616 Bolt

\$1.70. Weight $3\frac{1}{2}$ pounds

Discount

"A Hanger for any Door that Slides"

R-W No. 525

"Faultless" Sliding Door Lock

For Garages, Stables, Warehouses, Factories, Etc.

For Both Single and Double Doors

59



Made of steel and malleable iron.

For sliding doors, $1\frac{3}{4}$ inches thick or thicker, also suitable for right angle doors. Twenty-eight changes of keys. Lock, latch and flush door pull combined. Operated from either side of door. For single or double doors. Latch is released and door pulled open by same movement.

Latch piece and trip made of malleable iron. Steel flush cups. Steel keeper plate.

Mortise case, $4\frac{3}{4}$ inches high by $3\frac{3}{4}$ inches wide by $\frac{7}{8}$ inch thick.

Finish, regular, rustless dead black. Other finishes can be furnished on application. Write for prices.

Packed, one lock in metal-edge box, complete with screws and templet for setting lock. Weight, 45 pounds per dozen.

List Price

No. 525 Lock, regular finish, dead black, per dozen..... \$30.00

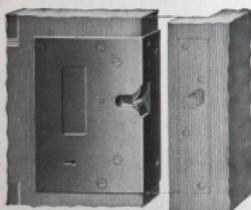
Discount

R-W No. 510

"Nobreak" Sliding Door Lock

For Garages, Stables, Warehouses, Factories, Boat Houses, Etc.

For Both Single and Double Doors



Made of steel with malleable jaws.

The "Nobreak" Lock is made flush with the door on both sides and can be operated from both outside and inside. The act of closing the door latches it, and to unlatch it simply press back the hand-hole or flush pull cover with the fingers. The key is used only to lock or unlock the door. To latch or unlatch no key is necessary, the action being automatic with the opening or closing of the door.

The use of the blind screw studs on the outside makes lock practically burglar-proof. They are reversible, for either right or left-hand doors, single or double.

The "Nobreak" serves as a lock, latch, and door pull combined. The door, not the lock receives the blow when door strikes jamb. There are no projections on which to catch harness or clothing.

No. 1 size adjustable for doors, $1\frac{3}{4}$ to $2\frac{1}{4}$ inches; No. 2, $2\frac{1}{2}$ to 3 inches thick. Width of lock, $5\frac{1}{8}$ inches. Packed one in metal-edge box, complete with screws, strike plate for doors, two keys and templet for setting lock. Special strike furnished for double doors. Keys are numbered for twelve changes to each dozen locks. On panel doors outer stiles should be 6 inches wide. Weight, 70 pounds per dozen.

List Price

No. 510 No. 1 or No. 2 Lock, regular finish, dead black, per dozen..... \$30.00

Discount

Note—Locks sent for single doors in No. 1 size, unless otherwise specified.

Garage Door Hardware

Flush Pulls and Bow Handles



60

No. 81
Bow
Handle

No. 71
Bow
Handle

No. 70
Flush Pull

No. 70—Flush Pull made of steel in two sizes: No. 1, 6 inches long over all; No. 2, 7 inches long over all. Finish, black enamel. Packed $\frac{1}{2}$ dozen in metal-edged box.

No. 71—Bow Handles made of steel in two sizes: No. 1, $6\frac{1}{2}$ inches long over all; No. 2, $7\frac{1}{2}$ inches long over all. Finish, black enamel. Bolt Holes register with Holes in No. 70 Flush Pulls. Packed one dozen in metal-edged box.

No. 81—Bow Handles made of grey iron in two sizes: No. 1, $6\frac{1}{4}$ inches long over all; No. 2, 8 inches long over all. Finish, black enamel. Packed one dozen in metal-edged box.

List Price

No. 70-1 Flush Pull, for doors up to $1\frac{3}{4}$ -inch thick, Weight, each 1 pound, each	\$0.20
No. 70-2 Flush Pull, for doors more than $1\frac{3}{4}$ -inch thick, Weight, each, $1\frac{1}{4}$ pounds, each	25
No. 71-1 Bow Handle, for doors up to $1\frac{3}{4}$ -inch thick, Weight, each, 6 oz., each	10
No. 71-2 Bow Handle, for doors more than $1\frac{3}{4}$ -inch thick, Weight, each, $\frac{1}{2}$ pound, each	15
No. 81-1 Bow Handle, Weight each, $\frac{1}{2}$ pound, each	20
No. 81-2 Bow Handle, Weight each, 1 pound, each	34

Discount

R-W No. 170 Flush Drop Handle Designed especially for Use with Right Angle Garage Doors

These pulls are used with any sliding door where a secure grip is desired. Made of steel. Handle furnishes a secure grip and drops by gravity out of the way. Size of plate, $3\frac{3}{4}$ inches by $5\frac{1}{4}$ inches. Finished black enamel. Packed, one dozen in metal-edge box, complete with screws. Weight, $6\frac{1}{2}$ pounds per dozen.

List Price

No. 170 Flush Drop Handle, per dozen	\$3.60
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Discount



R-W No. 54 "Favorite" Steel Barn Door Stay Roller

Commonly used on inside sliding doors, where stay roller can be attached to floor. Wheel, grey iron, $2\frac{1}{2}$ inches diameter and covered with steel frame. Finish, black japan. Packed one dozen in metal-edge box. Weight, per dozen, 27 pounds.

List Price

No. 54 Stay Roller, per dozen	\$3.50
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Discount

R-W No. 89 Door Binder and Stop

Made of three pieces of steel. Brace is pivoted, allowing first lag screw to be put in easily. Adjustable for doors $1\frac{3}{4}$ to 3 inches thick. End is flared to readily receive the door. May be used at front and back of door. Should be attached with $\frac{1}{16}$ -inch lag screws or bolts. Finish, black japan. Packed in bulk. Weight, per dozen, 19 pounds.

List Price

Price, per dozen	\$4.00
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Discount



R-W No. 154 Heavy Steel Warehouse Stay Roller

Especially designed for use on heavy garage, warehouse and freight house doors. Extra heavy construction. Wheel protected on all sides except door side with heavy steel frame.

Wheel, grey iron, $3\frac{1}{2}$ inches diameter. Steel frame has screw holes slotted, providing a means for adjustment. Finish, black japan. Packed in bulk. Weight per dozen, 60 pounds.

List Price

Per Dozen	\$14.40
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Discount

"A Hanger for any Door that Slides"

R-W Floor Door Stops and Guides

R-W No. 171 Cast Floor Center Stop

Made in Three Sizes

Floor stop for use with pairs of sliding-doors. Can be fastened to floor or imbedded in concrete. Made of grey iron. Finish, black japan.

List Price

No. 171-1 For doors 2 inches thick, Weight 44 pounds, per dozen	\$6.00
No. 171-2 For doors 2½ inches thick, Weight 48 pounds, per dozen	7.50
No. 171-3 For doors 3 inches thick, Weight 54 pounds, per dozen	9.00

Discount

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R-W No. 172 Adjustable Parallel Door Floor Guide

Made in Two Sizes

For use with parallel sliding doors. No. 1 size for double parallel doors, No. 2 size for triple parallel doors. Guides the bottom of the doors and prevents chafing. Finish, black enamel.

Suitable for use with concrete or wood floors. When used with concrete floors, base should be set into the concrete about $\frac{3}{4}$ -inch.

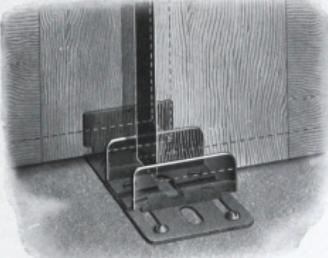
Adjustable for doors $1\frac{3}{4}$ to 3 inches thick.

Weight, No. 1, 5 pounds; No. 2, 7 pounds each.

List Price

No. 172-1 Adjustable Double Parallel Door Floor Guide, with screws, each	\$1.50
No. 172-2 Adjustable Triple Parallel Door Floor Guide, with screws, each	2.50

Discount



No. 172-1

R-W No. 372 Door Guide

For use with flush and parallel garage doors. Holds the bottom of the door close to the wall in either open or closed position. Requires only working clearance between the doors. Suitable for use with concrete or wood floors. When used with concrete floors, base should be set into the concrete about $\frac{3}{4}$ -inch. End beveled to prevent injury to the door. One-fourth inch thick, 6 inches wide. Packed with screws.

List Price

No. 372 Door Guide, Shipping Weight, 1 pound, each	\$0.50
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Discount



R-W No. 271 Adjustable Floor Center Door Guide

For use with pairs of sliding garage doors. Guides the bottom of doors and holds same in place when closed. Made of steel and grey iron. Finish, black enamel.

Suitable for use with concrete or wood floors. When used with concrete floors, base should be set into the concrete about $\frac{3}{4}$ -inch.

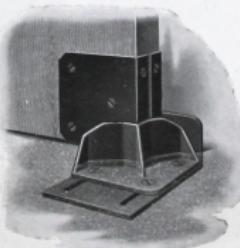
Adjustable for doors $1\frac{3}{4}$ to 3 inches thick. Weight 4 pounds.

List Price

No. 271 Adjustable Floor Center Door Guide, with screws, each	\$0.80
No. 435-72 Steel Bumper Shoe, each	10

Discount

Note—Two Bumper Shoes are used on each end of door. Specify on order if same are desired.



R-W No. 272 Adjustable Floor End Door Guide

For use with sliding right angle garage doors. Holds the bottom of doors in position when either opened or closed. Made of steel and grey iron. Finish, black enamel.

Suitable for use with concrete or wood floors. When used with concrete floors, base should be set into the concrete about $\frac{3}{4}$ -inch.

Adjustable for doors $1\frac{3}{4}$ to 3 inches thick. Weight, 3 pounds.

List Price

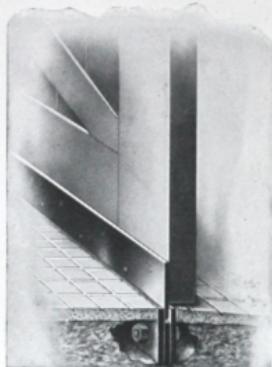
No. 272 Adjustable Floor End Door Guide, with screws, each	\$0.60
No. 435-72 Steel Bumper Shoe, each	10

Discount

Note—Two Bumper Shoes are used on each end of door. Specify on order, if same are required.



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R-W No. 736

Door Guide and Weather Strip

Helps Keep the Garage Warm

With this construction, door can be hung to clear floor, and the steel strip on door completely covers and protects the opening, also prevents doors from warping. Spread washers between side strips of lower guide, in floor, hold groove open. The clear openings in the groove between these spread washers allow water and dirt to drop between the floor strips and drain off through cinder bed.

Especially desirable for parallel doors; prevents their chafing. Made of heavy steel and can be set into concrete or wood floor. Finish, black japan. Steel door strip is 4 by $\frac{3}{16}$ inches; floor strips, $3\frac{1}{2}$ by $\frac{3}{8}$ inches. Bolts are spaced on 24-inch centers. Weight: Door strip, per 100 feet, 250 pounds; floor guide strips, 900 pounds.

Note—When ordering state: Thickness and width of door, whether single, double or triple parallel doors and width of opening. Always send floor plan.

List Price

No. 736—Door Guide and Weather Strip, complete, per foot \$1.00

Discount

R-W No. 737 Door Guide and Weather Strip

This is the same as above but of lighter construction. Door strip, $3\frac{1}{2}$ inches by 10 gauge; floor strips, $3\frac{1}{2}$ by $\frac{3}{16}$ inches. Finish, black japan. Weight, door strip, per 100 feet, 150 pounds; floor guide strips, 450 pounds.

When ordering state thickness and width of door, whether single, double or triple parallel doors and width of opening.

List Price

No. 737—Door Guide and Weather Strip, complete, per foot \$0.60

Discount

R-W No. 738 Guide Plate

Used on parallel doors. Prevents doors from swinging and chafing. Must be used with guide strips attached to the floor. Made of steel 6 inches wide, $\frac{1}{4}$ inch thick, 11 inches long. Finish, black enamel. Packed in bulk. Weight, each, 4 pounds.

List Price

No. 738—Guide Plate, each \$0.50

Discount

R-W No. 635 Floor Guide

The No. 635 Floor Guide can be advantageously installed in connection with some installations of "SlydaSyde" and "CornR-Wise" equipment where hardware is desired for holding the back edge of the door against the casing when it is closed.

This No. 635 Floor Guide Equipment consists of: (1) a guide, No. 635 F. G., mortised into the bottom of the door at the back edge; (2) grooved floor guide track, No. 635-TK, extending from the back edge of the door in closed position and following the line of the overhead track around the corner inside the building along the side wall to a point directly below the end of the door hanger track, including (3), Floor Guide Corner Curve, No. 635-S, of the same radius as the overhead track curve, with which it runs in juxtaposition.

Where two doors hinged together slide in the same direction, the floor guide installation is the same as for one door, the equipment being identical with that stated in the above paragraph.

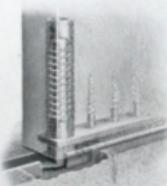
List Price

No. 635-TK —Floor Guide Track, per foot, $\frac{5}{8}$ pound \$0.12

No. 635-C —Floor Guide Track Curve, each, 1 pound 60

No. 635-F. G.—Floor Guide, each 80

RICHARDS-WILCOX
AURORA, ILL.



No. 635 F. G. Floor Guide
and Floor Guide Track

"A Hanger for any Door that Slides"

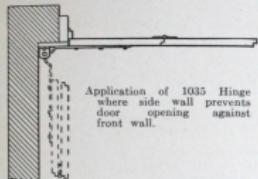
R-W No. 1035

Heavy Offset Hinge with Surface Pintle

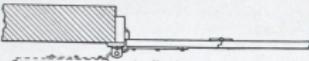


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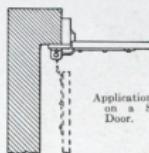
No. 1035 Special Heavy Service Hinge



Application of 1035 Hinge where side of wall prevents door opening against front wall.



Application of 1035 Hinge where there is space sufficient to fold back the doors parallel with the front wall.



Application of 1035 Hinge on a Single Swinging Door.

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Designed especially for garage doors, warehouse doors, factory doors and other heavy doors which it is desired to swing back of the jamb clear of the opening. 18-inch and 24-inch straps, made of $\frac{1}{4}$ -inch wrought steel, 30-inch and 36-inch straps, made of $\frac{5}{16}$ -inch wrought steel, $2\frac{1}{2}$ inches wide. Furnished with an adjustable clip which can be bolted to the door near the edge regardless of the distance the pintle is set beyond the jamb.

Pintle is $2\frac{1}{2}$ inches wide with loose pin, $\frac{1}{2}$ inch in diameter.

Packed in bulk or one pair in a box, with $\frac{3}{8}$ -inch by $3\frac{1}{4}$ -inch carriage bolts. Black japan finish.

List Price

Size of Strap	Packed in Box with Carriage Bolts	Packed in Bulk without Carriage Bolts	Shipping Weight, Pounds
$2\frac{1}{2}$ inches x 18 inches, per pair	\$4.00	\$3.70	12
$2\frac{1}{2}$ inches x 24 inches, per pair	4.50	4.20	14
$2\frac{1}{2}$ inches x 30 inches, per pair	5.00	4.70	16
$2\frac{1}{2}$ inches x 36 inches, per pair	5.50	5.10	18

Discount

R-W No. 1036

Heavy Strap Hinge with Mortise-Pintle



Designed especially for large swing doors. Made of wrought steel, in various sizes. Anti-friction bronze washer and $\frac{1}{2}$ -inch Riveted Pintle Pin. Black japan finish.

Packed in bulk or one pair in box with $\frac{3}{8}$ -inch by $3\frac{1}{4}$ -inch Carriage Bolts.

List Price

Size of Strap	Height of Pintle	Packed in Box with Carriage Bolts	Packed in Box without Carriage Bolts	Shipping Weight, Pounds
$2\frac{1}{2}$ inches x 10 inches	6 inches	per pair	\$3.40	$6\frac{1}{2}$
$2\frac{1}{2}$ inches x 12 inches	6 inches	per pair	3.50	3.30
$2\frac{1}{2}$ inches x 18 inches	6 inches	per pair	3.80	3.50
$2\frac{1}{2}$ inches x 24 inches	6 inches	per pair	4.30	4.00
$2\frac{1}{2}$ inches x 30 inches	7 inches	per pair	4.80	4.50
3 inches x 36 inches	7 inches	per pair	5.40	5.00

Discount

Garage Door Hardware



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R-W No. 435

Wrought Steel Surface Hinges

Made of wrought steel in two sizes: 4 inches by 5 inches, twelve gauge; and 5 inches by 7 inches, eleven gauge. Black enamel finish. Packed one pair in a box—4 inches by 5 inches size, with screws; 5 inches by 7 inches size, with round head stove bolts.

List Price

	Shipping Weight	List Price
No. 435—Size 4 x 5, per pair	1 1/4 pounds	\$0.80
No. 435—Size 5 x 7, per pair	4 1/2 pounds	1.40

Discount.....

R-W No. 836

Wrought Steel Offset Surface Hinge

Made of wrought steel in two sizes: 4 inches by 5 inches and 5 inches by 7 inches. Hinge eye is offset to allow 1 1/2 inches between doors when folded. Black enamel finish. Packed one pair in a box—4 inches by 5 inches size, with screws; 5 inches by 7 inches size, with round head stove bolts.

List Price

	Shipping Weight	List Price
No. 836—Size 4 x 5, per pair	2 pounds	\$1.00
No. 836—Size 5 x 7, per pair	5 pounds	1.60

Discount.....

R-W No. 311

Half Surface Ornamental Butt Hinge



Made of wrought steel, in one size only: 4 inches wide. Center of hinge pin is 3 3/4 inches from the edge of the jamb and the hinge extends 4 1/2 inches on the face of the door. This gives sufficient offset to allow two doors each 1 3/4 inches thick to stand flush with the jamb when opened at a 90 degree angle. Black enamel finish. Packed one pair in a box with screws.

List Price

	Shipping Weight	List Price
No. 311—Half Surface Hinge, per pair	3 3/4 pounds	\$1.60

Discount.....

R-W No. 635

Wrought Steel Surface Hinge



For use where doors are hinged together and run around an inside corner on curved track. Made of 12 gauge wrought steel, 4 inches wide; one leaf 4 inches long, and the other leaf 2 inches long. Black enamel finish. Packed one pair in a box with screws.

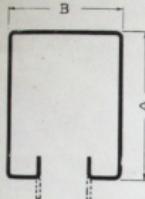
List Price

	Shipping Weight	List Price
No. 635—Surface Hinge, per pair	2 pounds	\$1.20

Discount.....

"A Hanger for any Door that Slides"

R-W Trolley Track and Trolley Track Bracket



Track Gauge No.	Gauge No.	A	B	Track Wt., lbs.	Unit	Black	Black
31	16	2 3/8"	1 1/4"	.31	1.6	Per ft.	\$0.19
31	14	2 3/8"	1 1/8"	.31	2.1	Per ft.	.19
32	13	2 3/8"	1 1/8"	.31	2.4	Per ft.	.78
33	13	3 1/8"	2 1/8"	.31	2.8	Per ft.	1.60
232	14	3 1/8"	2 1/8"	.232	2.8	Per ft.	2.00
							1.80

Note—Dotted Lines show Lip on No. 35 track only.

Discount



No. 31—Curved Track

No. 31—Trolley Track

65

Number of Feet Straight Track in 90 Degree Curves.

2 feet 0 inch Radius	3 1416 feet
2 feet 6 inch Radius	3 9270 feet
3 feet 0 inch Radius	4 7124 feet
3 feet 6 inch Radius	5 4976 feet
4 feet 0 inch Radius	6 2833 feet

Note—Curves cannot be satisfactorily bent to a shorter radius than 2 feet.



1



2



5



7



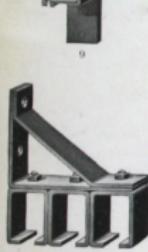
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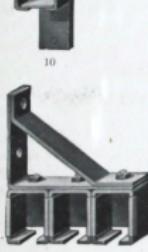
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10



33



34



19



22



23



33

Numbers, Description and List Prices, Cover Brackets in Black Enamel Finish

Important—Always specify catalog number of track for which brackets are desired. Example: A No. 1 style bracket for No. 31 track is wanted. Show as follows: 1x31 bracket; if for No. 33 track, show 1x33 bracket, etc.

Bracket Number	DESCRIPTION	For Track Number				
		Price	Shipping Wt., lbs.	Price	Shipping Wt., lbs.	Price
1	Side Center Bracket, each	\$0.16	1	\$0.16	1	\$0.44
14	Side Right or Left End Bracket, each	16	2	16	2	44
5	Cross Ear Ceiling Center Bracket, each	16	1 1/2	16	1 1/2	44
6	Cross Ear Ceiling Right or Left End Bracket, each	16	1 1/2	16	1 1/2	44
7	Parallel Ear Ceiling Center Bracket, each	16	1 1/4	16	1 1/4	44
8	Parallel Ear Ceiling Right or Left End Bracket, each	16	1 1/4	16	1 1/4	44
9	Cross Ear, Ceiling Center Stop Bracket, each	.50	3 1/2	.50	3 1/2	44
10	Cross Ear, Ceiling Center Stop Bracket, each	.50	3 1/2	.50	3 1/2	44
11	Plain Ceiling Center Stop Bracket, each	.50	2 1/2	.50	2 1/2	44
12	Plain Ceiling Center Stop Bracket, each	.50	2 1/2	.50	2 1/2	44
13	Side Center Stop Bracket, each	.50	2 1/2	.50	2 1/2	44
18	Side Double Half Center Stop Bracket, each	1.00	7 1/2	1.00	7 1/2	54
19	Plain Ceiling Right or Left End Bracket, each	16	1 1/2	16	1 1/2	44
22	Side Double Center Bracket, each	.50	4	.50	4	44
23	Side Double Right or Left End Bracket, each	.50	4	.50	4	44
33	Side Triple Center Bracket, each	.80	5 1/2	.80	5 1/2	13
34	Side Triple Right or Left End Bracket, each	.80	5 1/2	.80	5 1/2	13

Discount

Garage Door Hardware

